



VETRI TECHNOLOGY SOLUTIONS

**AWS & DEVOPS
ENGINEER**

-Duration-

3 MONTHS

 +91 8438164827, +91 8438781327

 vetritechnologiesolutions.in

 Shanthi Complex, Surandai - 627859 & Opposite VOC Stadium, Palayamkottai, Tirunelveli - 627002



PROGRAMMING LANGUAGES & TOOLS COVERED



PROGRAMMING TOOLS



-PYTHON-



-TYPESCRIPT-



-BASH-



-LINUX-



-YAML-



-JSON-



-APACHE-



-NGINX-

DEVOPS & AWS TOOLS



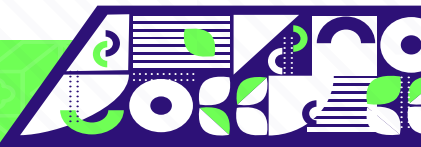
-EC2-



-S3-



-RDS-





PROGRAMMING LANGUAGES & TOOLS COVERED



-LAMBDA-



-ECS-



-VPC-



-CLOUDWATCH-



-IAM-



-CODEPIPELINE-



-EKS-



-GIT-



-GITHUB-



-JENKINS-



-DOCKER-



-KUBERNETES-



-TERRAFORM-



-ANSIBLE-



-HELM-





PROGRAMMING LANGUAGES & TOOLS COVERED



AI TOOLS



-X-RAY-



-CLOUD WATCH
AI-



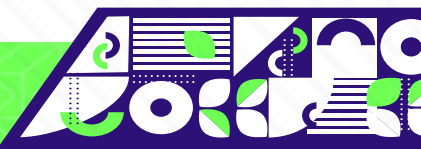
-OPEN
TELEMETRY-



-SLACK
CHATOPS-



-SAGEMAKER-





VTS AWS DEVOPS TRAINING MODULES



PHASE 1 – DEVOPS FOUNDATION & LINUX

DevOps Engineering Fundamentals | Linux Operating System Architecture
Linux Administration | Linux Networking Deep Dive | Web Server Architecture
Version Control Systems | GitHub & Collaboration | DevOps Toolchain Overview
Real-Time Deployment Architecture | Foundation Architecture Review

PHASE 2 – AWS CORE CLOUD ENGINEERING

AWS Cloud Computing Fundamentals | AWS Identity & Access Management (IAM)
Amazon EC2 Deep Dive | AWS Networking | Elastic Load Balancing
Auto Scaling | Amazon S3 Advanced | Amazon RDS Production Design
AWS Security Best Practices | CDN & Global Delivery | SSL & Certificate Management
Production Multi-Tier Architecture Design | AWS Monitoring Services
Disaster Recovery & Backup Strategy | Enterprise AWS Architecture Review

PHASE 3 – CI/CD & CONTAINERIZATION

CI/CD Engineering Concepts | GitHub Actions Deep Architecture
Build Automation | Deployment Strategies | Release Engineering
Docker Architecture | Docker Image Optimization | Docker Networking & Volumes
Docker Compose | Docker Registry & AWS ECR | Container Security
Production Docker Deployment Patterns | CI/CD + Docker Integration Architecture
Automated Deployment to AWS using Containers | Enterprise Containerized
Architecture Review





VTS AWS DEVOPS TRAINING MODULES



PHASE 4 – KUBERNETES & INFRASTRUCTURE AS CODE

Kubernetes Architecture | Pods & ReplicaSets | Deployments & Rolling Updates
Services & Ingress | ConfigMaps & Secrets | Kubernetes Scaling & Auto Healing
Helm Package Manager | AWS EKS Architecture | Infrastructure as Code Concepts
Terraform Architecture | Terraform AWS Provider Deep Dive
State Management & Remote Backend | Modular Terraform Design
CI/CD for Infrastructure Automation | Enterprise Infrastructure Automation Design

PHASE 5 – MONITORING, SECURITY & ENTERPRISE ARCHITECTURE

Observability Engineering | Advanced Security in DevOps | Performance
Engineering & Scaling Strategy | Enterprise Production Architecture Case Study
Professional Preparation

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INTERNSHIP PROJECTS

-CI/CD + Automation Projects-



End-to-End
CI/CD
Pipeline



GITHUB → DOCKER → ECS → AWS

Zero Downtime
Deployment
System



BLUE-GREEN STRATEGY

Rollback
Automation
System



AUTO REVERT ON FAILURE

Multi-Environment
CI/CD



DEV → STAGING → PRODUCTION

Canary Deployment
Pipeline with Traffic
Splitting



Automated Testing
+ Deployment
Pipeline



Secure CI/CD
Pipeline + Secrets
Management



Infrastructure +
Application CI/CD
Combined Pipeline



GitOps Workflow
using GitHub
Actions



Release Management
System with Version
Tagging





INTERNSHIP PROJECTS



- Docker + Containerization Projects -

Microservices
Application using
Docker



FRONTEND + BACKEND + DB

Multi-Container
Banking System



DOCKER COMPOSE → ECS

Docker Image
Optimization &
Security Pipeline



Containerized
Django + React Full
Stack App



Private Docker
Registry System
using AWS ECR



Logging & Monitoring
for Containers using
CloudWatch



Container Auto
Scaling using ECS



Blue-Green
Deployment using
Docker Containers



Distributed
Application using
Containers



Production-Ready
Container Deployment
Architecture





INTERNSHIP PROJECTS

-Kubernetes (K8s + EKS) Projects-



Kubernetes Cluster Setup



PRODUCTION READY)

Secure Kubernetes Cluster



RBAC + SECRETS)

Kubernetes Auto Scaling using HPA



Microservices Deployment using Kubernetes



Kubernetes Ingress + SSL Setup



CI/CD Pipeline → Kubernetes Deployment



Helm-Based Deployment System



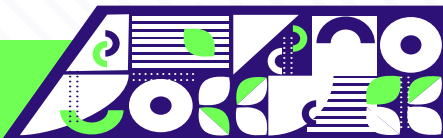
Multi-Environment Kubernetes Deployment



Monitoring Kubernetes using Prometheus + Grafana



Multi-Zone Highly Available Kubernetes Architecture





INTERNSHIP PROJECTS

-Terraform + Infrastructure as Code-



Full AWS
Infrastructure using
Terraform



EC2 + VPC + RDS + ALB

Modular Terraform
Project



REUSABLE COMPONENTS

Terraform CI/CD
Pipeline



AUTO DEPLOY INFRA

Multi-Environment
Infrastructure



INFRASTRUCTURE AS CODE

Disaster Recovery
Infrastructure using
Terraform



INFRASTRUCTURE AS CODE

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INTERNSHIP PROJECTS



-Monitoring, Security & Scaling Projects-

Centralized Logging System



CLOUDWATCH + ALERTS

DevSecOps Pipeline



SECURITY SCAN + CI/CD

Performance Testing + Auto Scaling Optimization



Cost Optimization Dashboard using AWS Metrics



End-to-End Enterprise DevOps Architecture



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Project Based Live Learning

Complete Projects Based Learning Model to get the Hands on Experience



Industry Projects

50+ Industry projects with AI to make the Candidate Job Ready



90:10 Learning Model

90 Practical : 10 Theoretical Training Sessions – Daily Live Online Training & Mentorship



IT Job Workflow

An IT Job Workflow is being followed in the Training Period itself to be a Day 1 Productive.



One-One Mentorship

One-One Mentorship would be arranged as per the Request to Clear the Doubts in the Projects



Mock Interviews

7+ Mock Interviews in the Training Period to Build the Confidence of the IT Trainee



Course Final Exam

This Exam will be conducted after the Training gets over to Process the Certificate



100% Internship

An Internship is Integrated within the Training Period to get the Hands on Experience.



Job Ready Profile

Be Job Ready Profile to get the Job in IT with AI Tools & Projects





VTS IT TRAINING BENEFITS



You Get Your
Dream Job!



**Course
Duration**

**-3-
MONTHS**



Placement Ready

Resume Building
Interview Tips



7+ Mock Interviews

50+ Hands on Projects,
7+ Internal Mock Interviews



Assured AI Integrated Internship

Assured Integrated Internship from our
Own IT Startup VETRI IT SYSTEMS



IT Industry Projects

50+ Industry Projects



IT Tools & Skills Training

Docker, Git, Python Etc.,



90/10 Learning Model

VTS 90 % Practical & 10% Theory Learning
Model Helps to get Hands on Experience



Enrollment

SDLC, Business Analysis

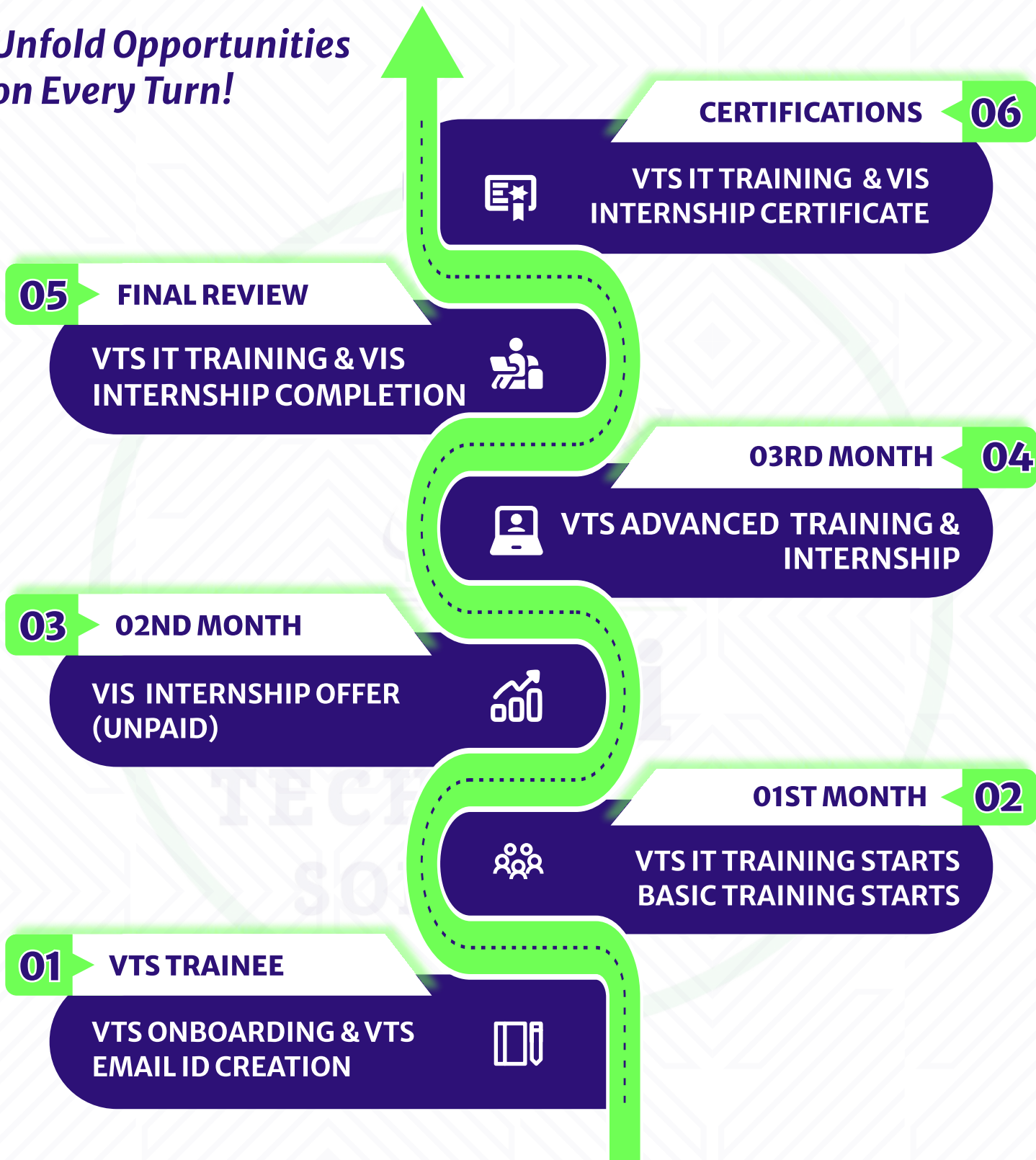




VTS & VIS LEARNING JOURNEY



Unfold Opportunities on Every Turn!



*VTS - VETRI TECHNOLOGY SOLUTIONS
*VIS - VETRI IT SYSTEMS PRIVATE LIMITED

*Note : Additional Days will be added with the Course Duration for the Mock Interviews, Any Additional Free Tools Covered, Weekly Reviews, Tasks, Mini & Main Projects review.



-On Successful Completion- EARN CERTIFICATION









VETRI TECHNOLOGY SOLUTIONS
An ISO 9001:2015 Certified Organization

Certificate





FOR ONLINE VERIFICATION SCAN

This is to certify that,

VETRI VEERIYAN V S/O VETRIYAN

ATC : VETRI TECHNOLOGY SOLUTIONS | SURANDAI, TENKASI

Has passed the prescribed examination with **A+** grade (88.00 % marks)
has been awarded the
CERTIFICATE IN PYTHON FULL STACK
designed and developed as per the standards of
VETRI TECHNOLOGY SOLUTIONS
An ISO 9001:2015 Certified Organization



Certificate No : 75TW8F2V45
Date Of Issue : 10-01-2025

Online Certificate Verification Available on.:
www.vetritechnologiesolutions.com


 PRAVIN KUMAR P
 Controller Of Examination


 PUNITHA V
 DIRECTOR

Contact No: 84385 58627/84385 58527
ADDRESS : APRIL'S COMPLEX & SHANTI COMPLEX, SIVAGURUNATHAPURAM, SURANDAI-627 859.

VTS provides you an ISO 9001:2015 Training Completion Certificate with online Verification at our Portal vetritechnologiesolutions.com





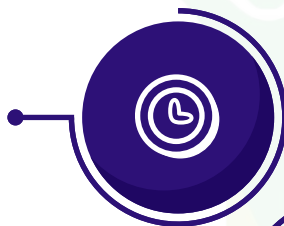
INTEGRATED INTERNSHIP BENEFITS



Claim Your Benefits!

DURATION

3 Months



ELIGIBILITY

Any Degree Holders



PROJECTS

Industry Based
Projects



WORKFLOW

Assigned Tasks,
Daily live Training



INTERNSHIP

Free
Internship for
All Candidates



ADD-ONS

Placement
Assistance



INTEGRATED INTERNSHIP



What is Integrated Internship ? How this will give Benefit to the Candidates in the Real World ?

An Integrated Internship Program will be for 2 Months which is Free of Cost from our Own Startup **VETRI IT SYSTEMS PRIVATE LIMITED** which will help Candidates to get the Hands on Experience in Projects during their Training Period itself. It will save the Candidate's Training Duration also if the Candidate use the Internship effectively an Immediate hands on experience would be gained and make them available as Job Ready in the Training Period itself. IT Training & Internship will happen at the same time to implement the Practical Tasks and Projects. A Candidate will receive **IT Training Completion Certificate** from **VTS** & **Internship Completion Certificate** from our own Startup **VETRI IT SYSTEMS PRIVATE LIMITED** after the **Successful Training & Internship Completion**. (Additional Days will be added with the Course Duration for the Mock Interviews, Any Additional Tools Covered, Weekly Reviews, Tasks, Mini & Main Projects review).





FREQUENTLY ASKED QUESTIONS



01

What is the Eligibility to Join the IT Training Programs?

Any Degree Candidates, Freshers and Career Gap candidates are eligible for this Program.

02

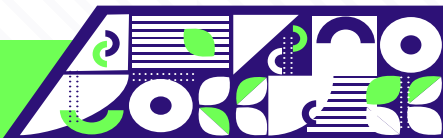
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03

The Training will be Live Classes or Recorded Sessions?

All the IT Trainings are Live Classes only via Microsoft Teams/ Offline. The Recordings will be shared post daily sessions. It can be accessible for lifetime by downloading and saved to the candidate's Personal drive.





FREQUENTLY ASKED QUESTIONS



04 Any Exams will be Conducted in the Training Period ?

Yes, definitely. Weekly exams and reviews will be conducted to make the Candidate as Job Ready Profile.

05 IT Training Certificate Would be Given Post Completion of IT Training ?

Yes, Soft Copy of Certificate Would be Provided with Online Login & QR Code Verification to the candidate. A Separate Credentials Would be given to the Candidate Post Completion and the Certificate Can get downloaded at anytime from our Website. It's an ISO 9001:2015 Certificate which can be utilized for Further Job Opportunities in the Industry.

06 Internship Certificate Would be Provided Post Completion ?

Yes, an Internship Certificate would be provided whoever Completing the Internship Successfully from VETRI IT SYSTEMS PRIVATE LIMITED.

07 Is there any Placement Guidance/Placement Assistance would be Provided ?

Yes, All VTS Trainees are eligible for the Placement Training Program which is Free of Cost which includes Resume, Portfolio Building, Business English. The Placement Training will be conducted within the Training Period itself.





FREQUENTLY ASKED QUESTIONS



08

Can Candidate Visit Office Directly for Joining the Program? Where is the office located ?

Yes, the Office is located at – VTS & VIS, April's Complex, Shanthi Complex, Surandai – 627859, Tenkasi District & Opposite VOC Stadium, Palayamkottai, Tirunelveli – 627002.

09

What is the Office Timings ?

It is 10.00 AM to 07.00 PM (Monday to Saturday – Excluding Public Holidays)

10

How to Join the Training Program ?

Kindly reach out to our Customer Support team at +91 8438164827. The Customer Support team will assist you on the Eligibility/ Documents required to Join the Program.

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-VTS-

HAPPY LEARNERS FEEDBACK EMAILS



VIJEESH

Python FullStack



The training was well-structured, informative, and helped me strengthen my understanding of key frontend concepts and tools. I truly appreciate your support and mentorship throughout the learning process. Looking forward to applying these skills and continuing to learn further.



RAMA LAKSHMI P

Python FullStack



Thank you so much for the wonderful Frontend training. I enjoyed learning HTML, CSS, Bootstrap, and React installation from you. Your teaching was easy to understand. I truly appreciate your patience- you explained every doubt I asked with clarity, which helped me a lot. Once again, thank you!



VENKATESAN P

Python FullStack



I acknowledge that I have learnt many topics from your classes, inspite of 6 years gap in coding and this is my last chance to my career. Way of teaching is excellent. I can easily understand the class, doubt clearing session is useful. Now I am confident in coding, special thanks for u mam.



GAYATHRI S

Python FullStack



Thank you for your guidance and support throughout the training sessions. Your clear explanations and structured approach have helped me understand the topics effectively. Looking forward to learning more under your guidance.



SOWNDARYA KUMAR

Python FullStack



I acknowledge the receipt. Thank you for giving wonderful opportunity to learn with VTS! I have learning Python course very clearly. Madam clear all of our doubts with smoothly, her approaching is too nice so that we can ask our doubts without any hesitation.



SOUNDARYA

Python FullStack



The class was engaging and informative. The lessons were well-structured and easy to follow. AlaguMari Mam explained the concepts clearly and made sure everyone understood before moving on. I appreciated the opportunity to ask questions and take part in discussions.



SANGEETHA R

Python FullStack



I am writing to express my sincere gratitude for training on this full stack python course. Our trainee Alagumari mam is a perfect teacher. She made learning experience effective that improved my skills. Thank you for providing impactful training experience.



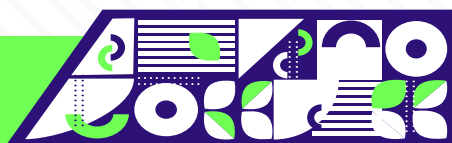
SRI SANTHIYA

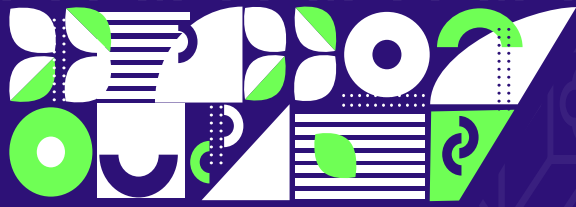
Python FullStack



Thank you so much for the classes till now and guiding me in HTML, CSS, and JAVASCRIPT. Your method of teaching was clear and easy to understand, which made the learning process much more engaging for all topics, Mam. Thank you once again for this excellent training experience till now.

****Complete Feedback Videos available in our Website
www.vetrитеchnologiesolutions.in**





OUR MEMORIES & ACHIEVEMENTS



Best IT STARTUP



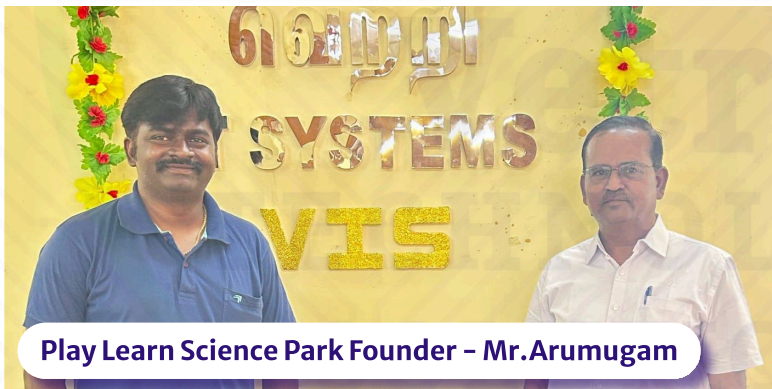
Vetri Organisation Opening Ceremony - 2021



Emerging Achiever of the Year



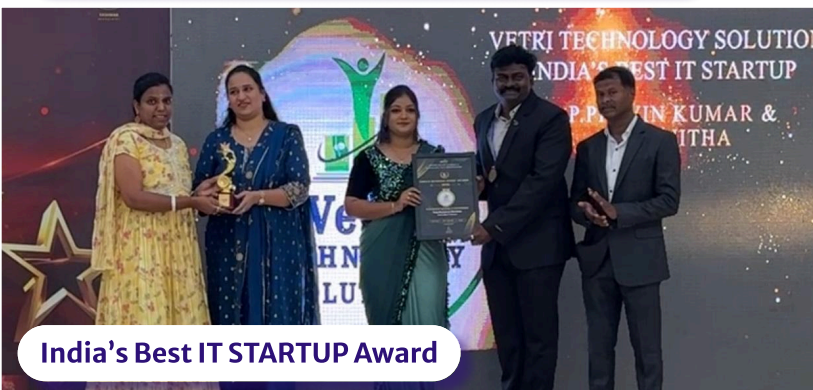
Vetri IT Systems Job Offer



Play Learn Science Park Founder - Mr.Arumugam



AWARDS

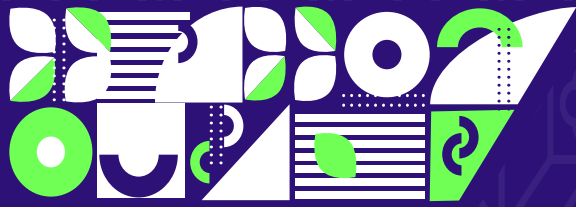


India's Best IT STARTUP Award



Trade EXPO Tenkasi





OUR MEMORIES & ACHIEVEMENTS



NEWS 7 Award - Emerging Achiever



Vetri IT Systems Job Offer



Best Emerging IT Startup - Tenkasi District



Placement session



Emerging Startup Award



Best IT STARTUP



Founder's Brother Mr.Siva Shankar



India's Business Iconic Award

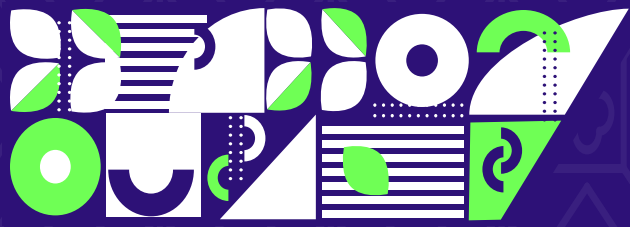


Alumni Meet



Placement session





CONNECT WITH US



VETRI TECHNOLOGY SOLUTIONS

-CONNECT WITH US-



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+91 84387-81327**



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Shanthi complex, Second floor,
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Stadium, Tirunelveli - 627002.**

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