

Verventech AI/ML Devops Training Program

Shaping the Top 1% of Technology Professionals

Our Vision

At Verventech, we are dedicated to bridging the gap between academic learning and the rigorous demands of the modern tech industry.

The Mission

"To deliver the Top 1% of technology stack to ensure we meet the demanded skillset."



High Demand Technology Skills

Current market trends show explosive growth in these Top 1% Tech Stacks.



Program Highlights



Top 1% Tech Stack

Master the most demanded technologies including AI, ML, and DevOps.



Expert Mentors

Taught by industry professionals with 10+ years experience, not academics.



Hands-on Labs

100+ labs and 10+ capstone projects with 24/7 cloud access.



Career Roadmap

Proper roadmap developed by domain experts including interview preparation.

Program Details

Who Can Join?

- **Freshers:** Eligible regardless of education background, provided you are eager to learn.
- **Career Changers:** Professionals seeking to transition into high-paying AI/ML & DevOps roles.
- **Traditional Developers:** Upskill on MLOps, AIOps, AWS, and modern DevOps practices.



Duration

4.5 Months

Intensive Training

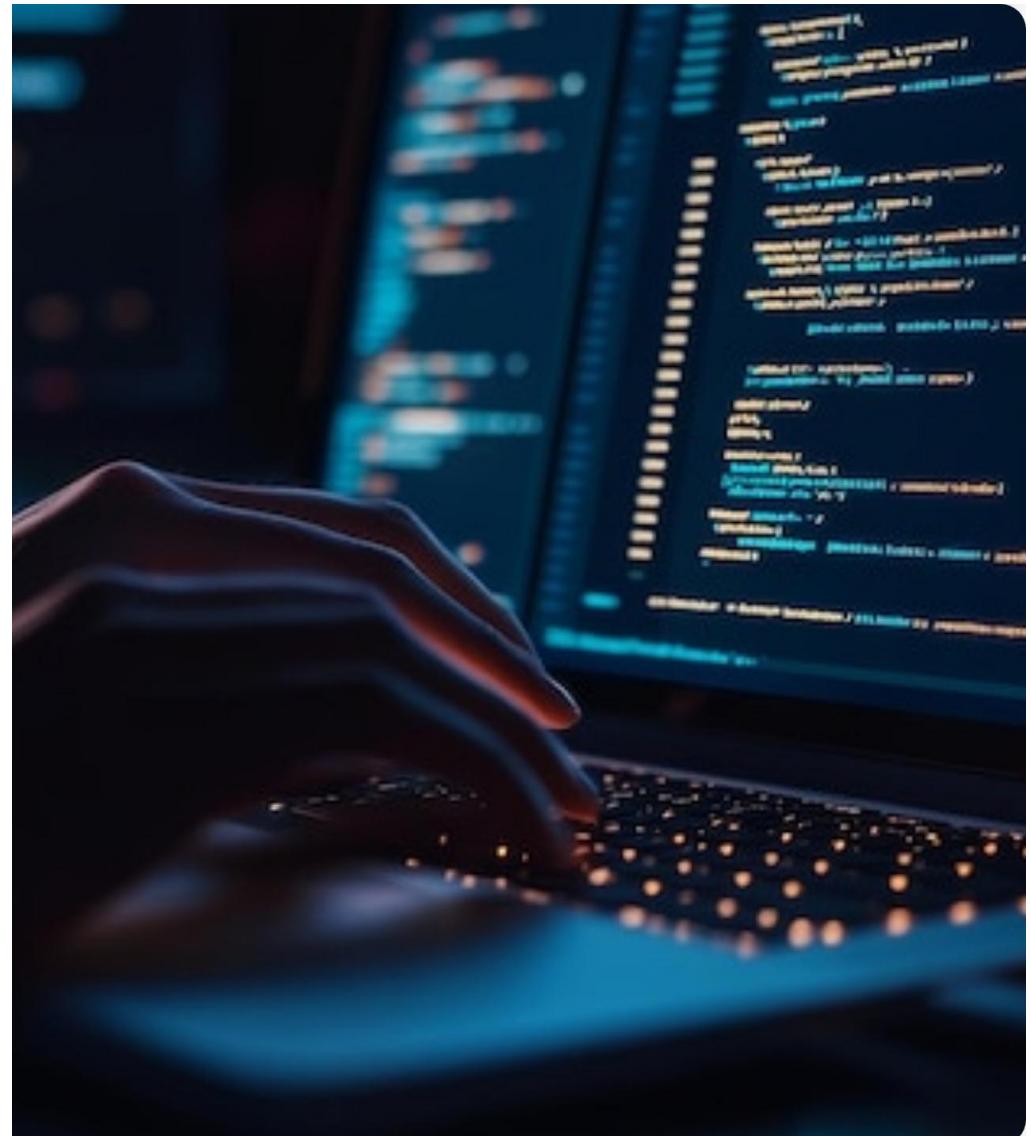
Key Features

Practical Focus

90% hands-on labs and 10% theory. We give a real-life developer experience rather than a conventional course completion mindset.

Industry Veterans

Trainers are strictly from the industry with 10+ years of experience in software, AI/ML, DevOps, Cloud, and SRE.



Jobs to Target

AI/ML Engineer

MLOps Engineer

Software Engineer

Backend Engineer

Data Engineer

Cloud Engineer

SRE (Site Reliability)

DevOps Engineer

Infrastructure Eng

Linux Specialist

IaC Specialist

System Administrator

Tools & Technologies Covered

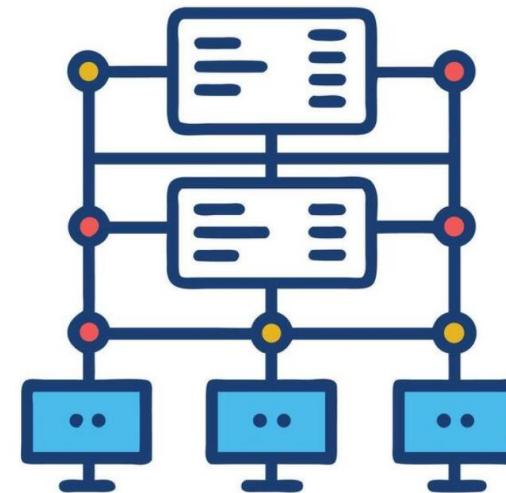
- **Foundations:** CCNA, Comptia A+, Linux, VMware, Git/Github, Python
- **DevOps & Infra:** Docker, Kubernetes, Terraform, Jenkins, Ansible, Github Actions
- **AI/ML & Data:** Langchain, Hugging-Face, OpenAI, Tensorflow, Scikit-learn
- **Backend & API:** Flask, FastAPI, Postman, PSQL, SQL
- **Cloud & Monitoring:** AWS, Prometheus, Grafana



Module 1: Foundations

Building Blocks

- **Comptia A+:** Hardware and software fundamentals.
- **Networking Basics:** Understanding the connectivity backbone.
- **VMware Virtualization:** Creating and managing virtual environments.
- **Python Basics:** Introduction to scripting and programming logic.



Module 2: AI & ML Core

| Automation & Intelligence

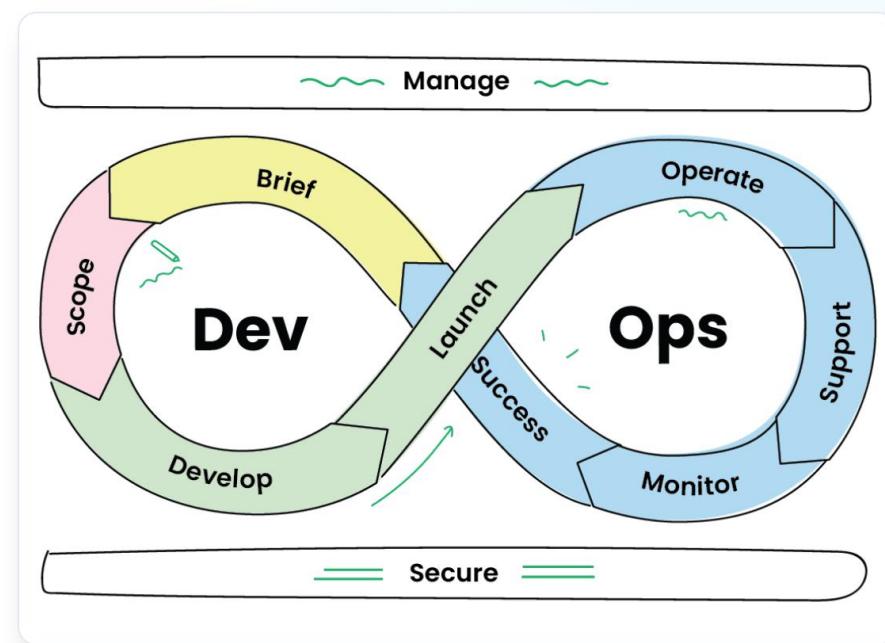
- **Linux & Automation:** Mastery of command line and automation using Bash and Python.
- **AI & ML Fundamentals:** Linear regression, deep learning basics.
- **GenAI & LLMs:** GPT, BERT, and finetuning pre-trained models.
- **Modern AI Tools:** Langchain, Hugging-Face, OpenAI API.
- **Deployment:** Python Flask based application deployment.



Module 3: DevOps Mastery

Orchestration & CI/CD

- **Automation:** Ansible configuration management.
- **Containerization:** Docker containerized application deployment.
- **CI/CD Pipelines:** Jenkins for 3-tier apps (Staging to Production).
- **Orchestration:** Kubernetes for AI/ML apps using FastAPI & PSQL.
- **Monitoring:** Full observability using Prometheus and Grafana.



Module 4: Cloud Transformation

| Cloud Native Deployment

- **AWS Essentials:** IAM, EC2, S3, RDS, Lambda, DynamoDB.
- **Full-Stack Deployment:** Deploying complex 3-tier AI/ML applications in the cloud.
- **Production Ready:** Implementation of robust CI/CD pipelines in a cloud environment with integrated monitoring.



Start Your Journey

Join Verventech today and become part of the Top 1%.

 verventech.com

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