



www.vikatworld.com Info@vikatworld.com Contact us: +91 909 5050 353

Software Engineering / Full-Stack Development

Course Overview

Our Full-Stack Software Engineering Training is a comprehensive, industry-oriented program that prepares you to build modern, scalable, secure web and mobile applications. From front-end design to back-end development, databases, DevOps, and Generative AI integration—this course transforms you into a full-fledged developer ready for IT jobs and freelancing.

Full Course Modules

1) Foundation (Advanced Level)

- Introduction to Software Engineering
- How Websites & Web Apps Work
- HTML5, CSS3, Bootstrap
- JavaScript (Modern ES6+) Fundamentals
- Git & GitHub (Version Control)

2) Front-End Development

- Advanced JavaScript
- React.js (Hooks, Context, Routing)
- React Components, UI/UX Best Practices

"Discipline Gives Everything"

Head Office



#131-5J, 1st Floor, Bharath Building, Swamy
Nellaiappar High Road, SriPuram, Tirunelveli,
TamilNadu, India – 627 001.

Corporate Office

#4, 7th floor Karimpanal Statue Avenue, G.H
Road, Statue, Thampanoor, Trivandrum,
Kerala, India - 695 001.



www.vikatworld.com Info@vikatworld.com Contact us: +91 909 5050 353

- State Management (Redux / Zustand)
- Responsive UI Development
- API Integration
- Deploying Front-End (Vercel/Netlify)

3) Back-End Development

- Node.js
- Express.js
- API Development (REST + JWT Auth)
- MVC Architecture
- Middleware & API Security
- Payment Gateway Integration

4) Database Management

- MongoDB (CRUD, Aggregations, Pipeline)
- SQL Basics (MySQL / PostgreSQL)
- Database Design, Schema, Indexing
- Cloud Database Hosting (Mongo Atlas / AWS RDS)

"Discipline Gives Everything"

Head Office



#131-5J, 1st Floor, Bharath Building, Swamy
Nellaiappar High Road, SriPuram, Tirunelveli,
TamilNadu, India – 627 001.

Corporate Office

#4, 7th floor Karimpanal Statue Avenue, G.H
Road, Statue, Thampanoor, Trivandrum,
Kerala, India - 695 001.



www.vikatworld.com Info@vikatworld.com Contact us: +91 909 5050 353

5) DevOps & Deployment Essentials

- Linux Basics
- Docker for Developers
- Cloud Hosting (AWS / DigitalOcean)
- CI/CD Overview
- Application Monitoring Tools

6) Generative AI for Developers (LATEST)

- Building Apps with AI APIs
- ChatGPT, Gemini, Claude API Integration
- Auto-Code Generation & Debugging
- Using AI for Front-End, Back-End, and UI
- Real-Time AI-Powered Project

7) Final Projects (Portfolio Grade)

You will build **3 major full-stack projects**, such as:

- E-Commerce Web App
- Social Media Application
- Job Portal System

"Discipline Gives Everything"

Head Office



#131-5J, 1st Floor, Bharath Building, Swamy
Nellaiappan High Road, SriPuram, Tirunelveli,
TamilNadu, India – 627 001.

Corporate Office

#4, 7th floor Karimpanal Statue Avenue, G.H
Road, Statue, Thampanoor, Trivandrum,
Kerala, India - 695 001.



www.vikatworld.com Info@vikatworld.com Contact us: +91 909 5050 353

- Complaint Management System
- Real-Time Chat App
- AI-Powered Assistant Web App

All projects will be hosted online to showcase to employers.

Who Can Join?

- Students (BE, BSc, BCA, MCA)
- Freshers & Job Seekers
- Career Switchers from any background
- Freelancers wanting high-income skills
- Entrepreneurs launching digital products



Certification

All learners receive an **Industry Recognized Certification** upon course completion.

"Discipline Gives Everything"

Head Office



#131-5J, 1st Floor, Bharath Building, Swamy
Nellaiappan High Road, SriPuram, Tirunelveli,
TamilNadu, India – 627 001.

Corporate Office

#4, 7th floor Karimpanal Statue Avenue, G.H
Road, Statue, Thampanoor, Trivandrum,
Kerala, India - 695 001.