

• Technical Track

Full-Stack AI & Web Application Development

Build the apps of tomorrow

From React interfaces to production-grade RAG applications.

Designed for developers, IT freshers, and career switchers. Master modern React and Next.js UI, backend APIs, vector databases, and production-grade Retrieval-Augmented Generation applications, and finish with end-to-end testing, cloud deployment, and a technical portfolio.

Duration

6 weeks

Intensive tech track

Format

Live (Online)

Hands-on coding sessions and real-world projects

Course fee

~~₹59,998~~ **₹29,999**

All inclusive

Designed for

Developers

IT freshers

Career switchers

Technologies you'll build with

React.js

Next.js

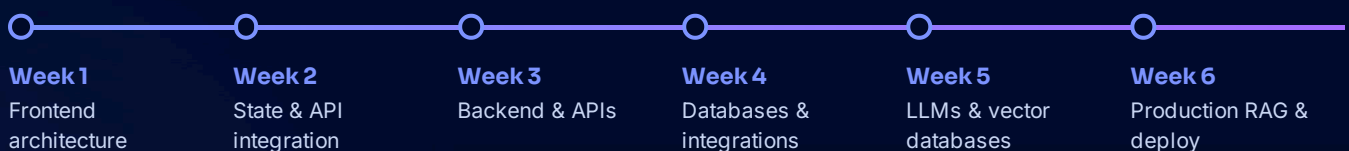
Node.js

FastAPI

LLM APIs

Vector databases

RAG

Your roadmap at a glance

Week-by-week curriculum

Full-Stack AI & Web Application Development

- Week 1** **Modern Frontend Architecture & UI Fundamentals**
 - Modern web development landscape and component-driven architecture
 - Setting up frontend applications with React.js and Next.js
 - Responsive user interfaces, routing, and state management
- Week 2** **Advanced Frontend State & API Integration**
 - Connecting interfaces to external services and managing asynchronous data flows
 - Component styling, optimization, and deploying frontend applications
 - Core principles of backend communication and client-side data handling
- Week 3** **Backend Services & API Development**
 - Server-side architecture and secure backend systems with Node.js
 - High-performance REST APIs with FastAPI
 - Routing, authentication, and server-side logic execution
- Week 4** **Database Management & Core Integrations**
 - Relational and non-relational database models for web applications
 - State persistence, data validation, and error management
 - Securely connecting the frontend and backend layers
- Week 5** **Advanced AI Models, LLM APIs & Vector Databases**
 - Integrating Large Language Model (LLM) APIs into application workflows
 - Embedding models and vector database configuration
 - Managing context windows and structuring prompts for programmatic responses
- Week 6** **Production-Grade RAG Applications, Deployment & Final Review**
 - Production-grade RAG applications for private knowledge retrieval
 - End-to-end testing, debugging, and cloud deployment pipelines
 - Final project review, code repository finalization, and technical portfolio preparation

What's included

- ✓ Live hands-on coding sessions and real-world project deployments
- ✓ Complete source code repositories
- ✓ Full recordings for lifetime revision

WhatsApp us for more details or enrollment: [+91 88919 77914](tel:+918891977914)

Course fee

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All inclusive

You can also email us

info@malvicyanai.com