NAVNATH KADAM
Software Engineer | MERN Stack • AI/ML

✉ navnathkadam284@gmail.com
github.com/ndk123-web
linkedin.com/in/navnath-kadam/
navnathkadam.vercel.app

Education
2024 – 2027

Vidyalankar Institute of Technology, Mumbai
Bachelor of Technology in Computer Engineering

Relevant CourseWork

- Data Structures
- Database Management
- Artificial Intelligence
- Software Development
- Algorithms Analysis
- Systems Programming

Projects

StudySync – AI Learning Platform | FastAPI, Express, RAG, OCR (Jul 2025)

- Built microservice-based edtech platform with OCR for content extraction and RAG for personalized learning.
- Developed AI-driven features including chat, automated summaries, quizzes, transcripts, and custom notes.
- Integrated multiple services for seamless user experience and scalable architecture.

ResumeAI – AI-Powered Resume Builder | Express, FastAPI, React (Jun 2025)
- Developed microservice-based full-stack app generating resume content with Google Gemini API.
- Built secure backend using Express + FastAPI, integrated Firebase Auth for authentication.
- Designed React (Vite + TailwindCSS) frontend with modular, reusable components.

TaskPlexus – AI-Powered Daily Planner (Go, React, MongoDB, PostgreSQL, Redis | 2025)

- Backend-controlled AI planner using Gemini AI.
- Go-based SaaS backend with Redis caching.
- Offline-first React frontend with background sync.
- Razorpay payments with PostgreSQL subscriptions.

MiniCursor – AI Code Agent | Node.js, Gemini AI, Automation (Aug 2025)
- Developed intelligent AI agent to execute system commands and generate code automatically.
- Integrated natural language understanding with external tool usage for accurate task execution.
- Automated coding workflows, enhancing developer productivity and reducing manual effort.

StockInsight – AI Stock Predictor | Flask, TensorFlow.js (Mar 2024)
- Created stock market analysis tool with real-time prediction and visualization.
- Trained models using polynomial regression and visualized data with TensorFlow.js.
- Integrated APIs (yfinance, Alpha Vantage) for live stock data.

Libraries

dev-preview – CLI Tool | Node.js (May 2025)
- **Lightweight command-line tool to instantly preview HTML files in the browser.**
- 🔗 **npm package**

ndk-rpc-engine – RPC Engine | Node.js (May 2025)
- **Lightweight RPC engine for distributed systems, supporting client and server communication.**
- 🔗 **npm package**

ndk-rpc-cluster – RPC Engine | Node.js (May 2025)
- **Enterprise-grade RPC cluster system providing load balancing, fault tolerance, service discovery, auto-replica creation, and automatic failover**
- 🔗 **npm package**

(Both published on npm, publicly available for developers.)

Technical Skills

Programming Languages: Python, Java, C, C++, C#, JavaScript, TypeScript, SQL, HTML/CSS,Go
Frameworks & Libraries: React.js, Next.js, Express.js, Django, Flask, FastAPI
Developer Tools & Platforms: VS Code, Eclipse, PyCharm, Git, GitHub, Docker, Vercel, Render
Operating Systems: Windows, Ubuntu

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Extracurricular

HackBuild, VIT – Out of 400+ teams, reached Top 10 Final Round with innovative project implementation.

Cognition Clash (Tech Competition): Secured 1st Prize for developing StudySyncAI, an intelligent learning assistance platform

Open Source Contributions

Contributor

- **Actively contributed to open-source projects, enhancing features and fixing issues across repositories.**

- **I am engaged with the developer community to review and improve code quality in collaborative projects.**