





# NAVNATH KADAM

Software Engineer | MERN Stack • AI/ML

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## 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

### ResumeAI - Ai Powered Resume Builder

Technologies: Express , FastAPI , Js , Gemini API , Cloudinary , React Vite , Tailwind CSS , MONGODB Atlas , Firebase Auth – June 2025

- Developed a full-stack AI-powered resume builder that dynamically generates resume content using Google Gemini API.
- Used FastAPI and Express for backend APIs to manage input parsing, prompt generation, and PDF export logic. ( Microservice Architecture )
- Integrated Cloudinary for media storage and Firebase for secure user authentication and session management.
- Frontend built in React (Vite) with TailwindCSS for a modern, responsive UI.
- Managed state via React Hooks and modular components for reusability.

### ChatOrbit – Real-Time Chat Application

MERN Stack, Firebase, WebSockets – April 2025

- Created a real-time chat platform leveraging the MERN stack, WebSockets, and Firebase.
- Handled messages and user data using Firebase Firestore and MongoDB.
- Facilitated live messaging features,online status, through Socket.IO.
- Designed an intuitive React frontend utilizing TailwindCSS

### StockInsight – AI-Powered Stock Predictor

Flask, TensorFlow.js, Polynomial Regression – March 2024

- Created a stock market tool that analyzes data in real-time and generates AI-driven predictions.
- Incorporated TensorFlow.js for visualizing stock trends and forecasting models.
- Employed polynomial regression to dynamically train models across various stock tickers.
- Utilized APIs such as yfinance and Alpha Vantage to retrieve real-time data.
- Developed an interactive interface for stock selection and performance forecasting.

# Libraries

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- dev-preview** – Lightweight CLI tool to instantly preview HTML files in the browser.
- ndk-rpc-engine** – Lightweight RPC engine for distributed systems, supporting both client and server communication.

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

# Technical Skills

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**Technical Skills Languages/Frameworks:** Python, Java, C, C++ HTML/CSS, JavaScript, Typescript, SQL, React.js, Express.js , Django ,flask

**Developer Tools:** VS Code, Eclipse, PyCharm

**Technologies/Frameworks:** Windows, Linux Ubuntu, Django, React.js, Flask, TensorFlow, Node.js, Express.js, PyTorch

# Extracurricular

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

# Open Source COntributions

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Contributor	ongoing
<ul style="list-style-type: none"><li>• Actively contributed to open-source projects, enhancing features and fixing issues across repositories.</li><li>• I am engaged with the developer community to review and improve code quality in collaborative projects.</li></ul>	