

Vinoth V

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SUMMARY

Full Stack Developer proficient in architecting scalable web applications and AI-driven solutions. Expertise encompasses React, Python, FastAPI, Node.js, and MongoDB. Recognized for leading a national-level hackathon-winning project. Committed to delivering end-to-end software solutions with a focus on cloud deployment and database optimization. Seeking Software Engineer or Full Stack Developer roles.

EDUCATION

Panimalar Engineering College, Chennai

B.Tech – Information Technology, CGPA: 7.01 / 10

2023 – 2027

EXPERIENCE

Freelance Web Developer

2024 – Present

- Architected and deployed responsive web applications using React.js and modern JavaScript frameworks.
- Optimized front-end performance and web accessibility, significantly enhancing user interface usability.
- Integrated AI-driven features and third-party APIs into existing platforms to extend core functionality.
- Partnered directly with clients to gather requirements and deliver high-quality, production-ready software solutions.

PROJECTS

DropNex – Hyperlocal Commerce Platform | Tech Stack: React.js, TypeScript, Tailwind CSS, Node.js, MongoDB

- Engineered a full-stack hyperlocal eCommerce ecosystem bridging local merchants and consumers.
- Implemented secure authentication, product management, and order processing modules.
- Constructed scalable backend APIs and database schemas to optimize inventory oversight.
- Enabled real-time delivery tracking and streamlined logistics workflows.
- Directed the development team to victory at a National-Level Hackathon.

AI Assistant | Tech Stack: Python, OpenCV, Flask, Speech Recognition

- Orchestrated an AI-driven virtual assistant supporting voice commands and eye-blink-based interactions.
- Employed OpenCV for real-time eye tracking and gesture recognition.
- Automated complex web content extraction and summarization processes.
- Enhanced user experience by implementing natural language processing capabilities.

Portfolio Website | Tech Stack: React.js, TypeScript, Tailwind CSS, Vite

- Crafted a responsive personal portfolio showcasing technical proficiency and achievements.
- Deployed modern UI components with focus on dark mode and accessibility standards.
- Executed performance optimization techniques for seamless user interaction.
- Maintained application stability via modern cloud hosting services.

Technical Proficiencies

- Languages:** Java, Python, JavaScript (ES6+), SQL
- Frontend:** React.js, TypeScript, HTML5, CSS3, Tailwind CSS, Bootstrap
- Backend:** Node.js, Express.js, FastAPI, Django, RESTful API Architecture
- Database & Cloud:** MySQL, PostgreSQL, MongoDB, Firebase, Supabase, Google Cloud Platform, Vercel

- **AI & Machine Learning:** TensorFlow, Scikit-Learn, NumPy, Pandas, Generative AI Integration
- **Tools & DevOps:** Git, GitHub, Figma, n8n, WordPress, Agile Methodologies
- **Core Computer Science:** Data Structures & Algorithms (DSA), Object-Oriented Programming (OOP), Database Management Systems (DBMS)

CERTIFICATIONS

Data Science for Engineers – NPTEL

Python for Data Science, AI & Development – IBM

OCI 2024 Generative AI Certification – Oracle

Aptis ESOL International Certificate – British Council

Acquiring Data – NASSCOM

Python Programming Course – IITM Pravartak Technologies Foundation

Troubleshooting and Debugging Techniques – Google

Build Dynamic User Interfaces for Websites – Google

Principles of UX/UI Design – Meta

ACHIEVEMENTS

Winner – National-Level PREST-HACK-2K25 (Smart Technology, IoT & Wireless Communication): Spearheaded the architecture and development for 'DropNex,' guiding the team to secure first-place honors.

Event Coordinator – Ideathon 4.0 (in collaboration with Capgemini): Facilitated operations and logistical support for a large-scale innovation competition featuring 400+ student participants.