Nitin Ravi

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EXPERIENCE

LogicFlo AI   **Aug 2024 – Present**
Full Stack Developer   Stealth Startup
- Collaborated closely with CEO and CTO in a team of 5 to build a GenAI product for researchers, focusing on end-to-end product development.
- Implemented scalable back-end systems and intuitive front-end interfaces within 1 week for YC demo.

Virtual Labs, Ministry of Education   **Dec 2022 - Apr 2024**
Lead Software Engineer   Coimbatore, TN
- Engineered OOP and Network Security modules utilized by 300+ undergraduates, increasing course engagement by 40%.
- Led a team of five in designing Cryptography modules, improving curriculum delivery efficiency by 30%.
- Enhanced project visibility and usability using analytics, resulting in a 20% increase in user satisfaction and project engagement metrics.

EDUCATION

Amrita Vishwa Vidyapeetham, Coimbatore   **2021 – 2025**
B.Tech in Computer Science and Engineering   GPA: 7.98/10
- Core Team Member of iDEA Club; contributed to 10+ high-impact projects in collaborative software development.
- Organized 15+ tech events for Anokha 2023 with 2000+ participants, showcasing leadership capabilities.

AREAS OF INTEREST

Full-stack Development, Project Management, UI/UX, Mobile App Development, Networking, Data Analytics, Cloud Systems

TECHNICAL SKILLS

Languages and Technologies: Python, C++, JavaScript, JSON, Spring Boot, TypeScript, SQL, Node, React, React Native, Next.js, Express, ThreeJS, Git, AWS, Azure, Oracle Cloud, Docker, Kubernetes, Git, Django, Postgres SQL, MongoDB

PROJECTS

- EZ Learn -
  - Architected and coded a cross-platform mobile learning application in 1 week using React Native and Expo CLI.
  - Attracted 100+ users within the first week, demonstrating rapid execution and deployment. (2024)
- Kanjam -
  - Led a team of 6 in engineering an e-commerce price prediction platform employing machine learning algorithms.
  - Increased pricing prediction accuracy by 25% and boosted customer conversion rates by 15% within the first quarter. (2024)
- DRIP -
  - Guided 6 juniors and implemented a full-stack e-commerce platform utilizing AI-driven image generation and prompt engineering.
  - Led to a 30% increase in user engagement and higher conversion rates. (2023)
- Netflix UX Case Study -
  - Conducted an in-depth analysis of Netflix in India, proposing design improvements that enhanced the user funnel against 2+ competitor platforms.
  - Achieved 4th rank among 17 solutions by UXHack.co, with potential user retention gains of 10%. (2022)

RESEARCH PUBLICATIONS

- Augmenting Virtual Labs With Artificial Intelligence for Hybrid Learning - IEEE EDUCON   May 2024