Kirankumar Vasala

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SUMMARY

Full Stack Software Engineer with practical experience building scalable, user-focused applications using React, Python, and modern frameworks. Demonstrated ability to collaborate cross-functionally and iterate rapidly on product features while ensuring clean UX. Proven track record in developing and deploying customer-centric solutions with a strong emphasis on system reliability and efficient design.

EDUCATION

Pace University   **Sep 2023 - May 2025**
Master's Degree, Computer Science
- **GPA:** 3.74

University of Mumbai   **Aug 2022**
Bachelors of Engineering, Information Technology

EXPERIENCE

FilmyAI   **Oct 2024 - Present**
Full Stack Developer Intern   *New York City, NY*
- Engineered full-stack features using React, JavaScript, and Python (Flask), integrating Firebase and PostgreSQL to enable scalable and production-ready functionality.
- Designed and iterated on UI components using Figma, prioritizing high-quality UX and accessibility in a fast-paced startup environment.
- Collaborated across teams and worked autonomously to develop and deploy agile, user-centric solutions while quickly adapting to evolving customer requirements.

Showcase   **Aug 2024 - Oct 2024**
Front-end Developer Intern   *New York City, NY*
- Developed and tested accessible UI components with React and Tailwind CSS, enhancing user navigation and ensuring screen reader compatibility.
- Assisted with backend API integration and executed functional test cases to ensure smooth client-server interactions.
- Documented QA testing processes and collaborated with developers to troubleshoot and improve user-facing features.

Flymax Multi Services   **Apr 2023 - Aug 2023**
Web Developer   *Mumbai, India*
- Delivered full-stack features using React, JavaScript, and Python (Flask), integrating Firebase and PostgreSQL to support robust, real-time platform functionality.
- Crafted and refined UI components with Figma, focusing on exceptional UX and accessibility in a dynamic startup setting.
- Coordinated across teams to develop and deploy user-centric solutions, iterating rapidly to align with customer needs and market changes.

Solar Secure Solutions   **Aug 2022 - Oct 2022**
Full Stack Developer Intern   *Mumbai, India*
- Implemented and tested secure REST APIs for customer-facing platforms, improving data retrieval speed and reducing backend errors by 30%.
- Integrated automated test cases using JavaScript testing frameworks and validated responsive input forms across multiple devices.
- Developed containerized deployment strategies and automated rollout procedures using shell scripts, enhancing deployment efficiency and minimizing downtime.

ACADEMIC PROJECTS

E-Toll Management System   **Jan 2022 - Jul 2022**
- Built a Python application with OCR integration, to improve toll deduction accuracy by 90% and enhancing operational efficiency.
- Improved payroll system performance and user experience, conducted training sessions, and provided support to 50+ users on the upgraded product.

TECHNICAL SKILLS

- **Programming Languages**: Java (Core, J2EE), Python, C++, PHP, JavaScript, SQL
- **Frameworks & Libraries**: Spring, Hibernate, JUnit, React, Angular, Tailwind CSS
- **Web Technologies**: RESTful APIs, JSON, XML, XPath, XSLT
- **Databases**: PostgreSQL, Sybase, DB2
- **Tools**: Apache Tomcat, JProfiler, Git, Jenkins, GitHub Actions, Docker, Jira
- **Development Practices**: Agile, TDD, CI/CD, DevOps
- **Operating Systems**: Windows, Linux, Unix