VIKRAM KINI

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PROFESSIONAL SUMMARY

Full Stack Engineer with 3+ years of experience building production web and mobile applications for enterprise customers. Shipped AI-enabled features and drove measurable improvements in performance, reliability, and release workflow.

WORK EXPERIENCE

ISAFE Enterprises LLC, *Software Engineer*   **Jun 2023 – Present**
- Architected a **React** compliance platform integrated with **Spring Boot microservices**, adopted by **1,000+ K-12 clients** and serving **~75,000 users**, ensuring privacy and governance.
- Launched a **React Native iOS/Android app** on both app stores with shared UI components for consistent UX.
- Reduced deployment time **49%** by deploying event-driven **AWS Lambda (Python)** microservices for backend workflows.
- Integrated **REST APIs** and implemented secure auth across **5+ SSO providers**, improving login reliability and access.
- Improved support resolution speed **38%** by shipping an **AI** in-app assistant using **AWS Lex** and **LLM** integrations.
- Reduced frontend error rate **36%** with **Jest/RTL** and **Cypress** E2E tests, tracked in **Sentry**.
- Automated **GitLab CI/CD** for **Agile** releases**,** cutting steps **9 to 2** and dev-to-release time **~2 hrs to 15 mins.**
- Optimized **MySQL 8** schemas on **AWS RDS**, cutting p95 latency from **~420 ms to ~160 ms.**
- Hardened **Apache** with **Fail2Ban,** along with **AWS WAF** and **Sucuri**, blocking **~1,300 suspicious requests/day.**

PrairieLearn Inc., *Software Developer (Part-time / Research Assistant)*   **May 2023 – Aug 2023**
- Designed and implemented **React.js and Node.js** modules to streamline deadline management, cutting instructor workload by **13+ hours weekly**.
- Contributed to **RESTful API** enhancements and responsive UI components aligned with accessibility standards.

Airbook.io, *Founding Software Engineer*   **Nov 2021 – Jul 2022**
- Developed **React** and **Flask-based** BI dashboards and data visualizations used by **500+ early paid users.**
- Deployed containerized microservices using **Docker** and **Kubernetes**, reducing deploy time from **30 to 7 minutes**.

SKILLS

- Programming Languages: JavaScript, TypeScript, Python, Java, SQL, HTML, CSS, Swift
- Frameworks and Libraries: React.js, React Native, Next.js, Node.js, Spring Boot, Flask, Django, Drupal
- Databases: PostgreSQL, MySQL, MongoDB, Neo4j, Firestore
- Cloud and Platforms: AWS, Google Cloud Platform, Firebase
- DevOps and Tools: Git, Docker, Kubernetes, Babel, VS Code, Postman, JIRA, Copilot, Cypress, Jest, CI/CD, Agile

EDUCATION

UNIVERSITY OF ILLINOIS, URBANA-CHAMPAIGN   **08/2022 - 05/2024**
Master of Science (MS); Major: Computer Science   **CGPA: 4.0/4.0**

UNIVERSITY OF MUMBAI   **08/2018 - 06/2021**
Bachelor of Engineering, Major: Computer Science and Engineering   **CGPA: 3.96/4.0**

PROJECTS

PumpJournal   **Swift, SwiftUI, Firebase, Apple HealthKit, Xcode**
- Designed and shipped an AI-assisted iOS fitness journal with real-time HealthKit syncing and cloud backup; launched on the App Store with 300+ downloads in the first 2 weeks.

TriQL   **Python, Flask, React.js, Vue.js, MySQL, MongoDB, Neo4j**
- Developed a beginner-friendly database learning tool with visual query execution, reducing learning time by 20% and improving student engagement through an interactive UI.

LEADERSHIP

- Led a team of **12 Course Assistants**, supporting **800+ students** and helping achieve a **95% 'A' grade rate course-wide** through mentorship and structured guidance.