

# Vikram Kini

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## SKILLS

Languages:	JavaScript, TypeScript, Python, Java, PHP, Swift
Frameworks:	React.js, Node.js, React Native, Next.js, Redux, Flask, Spring Boot, Bootstrap, Drupal
Database Technologies:	Firestore, MongoDB, MySQL, PostgreSQL, Neo4j
Cloud Platforms / BaaS:	Firebase, AWS (EC2, Lambda, RDS, Comprehend, Lex), Kubernetes
Tools & DevOps:	Git, GitLab CI/CD, Docker, Postman, PyTest, Jest, JIRA

## WORK EXPERIENCE

### I-SAFE Enterprises LLC

*Software Engineer I*

Jun 2024 – Present

- Rebuilt **ISAFE Direct** with **Drupal headless CMS + Spring Boot + React.js**, scaling to **250+ districts**.
- Launched **MyOK mobile app** (React Native + Spring Boot APIs), increasing user engagement by **20%**.
- Integrated AI for document generation, announcements, and compliance, cutting manual effort by **66%**.
- Built an all-in-one AI assistant for platform help and document signing, reducing support requests by **38%**.
- Architected modular cloud-native microservices (Spring Boot + AWS Lambda + Headless CMS), accelerating feature delivery by 40% and simplifying operations.
- Delivered **SSO, push notifications, themes, geolocation** via a unified Firestore + Spring Boot backend.

*Software Engineering Intern*

Jun 2023 – Dec 2023

- Prototyped the **MyOK mobile app**, building foundational UI flows and navigation system.
- Implemented core features including **document signing, SSO authentication, and role-based access**.
- Built cross-platform **React Native** interfaces and partnered with backend engineers for seamless integration.

**PrarieLearn Inc.**, *Part-time Software Developer*

May 2023 – Aug 2023

- Streamlined deadline extensions with a **late-day tracking feature**, reducing admin workload by **20%**.
- Collaborated with senior engineers to test, deploy, and maintain production features on the e-learning platform.

**Airbook.io**, *Software Engineer*

Nov 2021 – Jul 2022

- Joined at inception of a **small-scale startup**, owning backend development and product features end-to-end.
- Built a collaborative **BI & Analytics platform**, attracting **500+ users in the first quarter** after launch.
- Designed and deployed **NLP pipelines** with transformer models, improving data analysis efficiency by **25%**.
- Delivered **10+ third-party integrations** and optimized deployments with Docker + Kubernetes, cutting infra costs by **40%**.

## EDUCATION

**University of Illinois at Urbana-Champaign**

Aug 2022 – May 2024

*M.S. in Computer Science*

**GPA: 4.00/4.00**

**University of Mumbai**

Aug 2018 – Jun 2021

*B.E. in Computer Science and Engineering*

**GPA: 9.84/10**

## PROJECTS

### PumpJournal

*Swift, SwiftUI, Firebase, Apple HealthKit, Xcode*

- Built an iOS app to close the gap in fitness journaling by offering AI-generated routines with real-time Apple Health syncing, using **SwiftUI, Firebase, and HealthKit**.

### 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.

### Relay.io

*JavaScript, Node, Express, React, Socket, Peer, Heroku*

- Built a scalable, low-latency video conferencing app for **10+ users** using **WebRTC** with **Peer-to-Peer connections**, leveraging **React, Node.js, and Socket.io** for real-time communication and deployed on **Heroku**.

## LEADERSHIP

- Led a team of **12 Course Assistants**, supporting **350+ students** and helping achieve a **95% 'A' grade rate** through mentorship and structured guidance.
- Mentored a team of **4 undergrads** to deliver a **100% complete project**, earning excellent faculty feedback.