

AISHWARYA JAKKA

San Jose, CA 95128 | +1(408)-650-7674 | aishwarya.jakka.dev@gmail.com | linkedin.com/in/aishwaryajakka | github.com/aishwaryajakka

Summary

Full-stack Software Engineer with 5+ years of experience building scalable web applications and platforms across fintech, health tech, and education. Proven expertise in JavaScript, TypeScript, React, Angular, Node.js, and Azure DevOps. Passionate about user-centered design, AI product innovation, and hackathon development. Currently pursuing an MBA in Applied AI to bridge technical execution with strategic product vision.

Skills

Languages: JavaScript (ES6+), TypeScript, Python, C#, Java, SQL, HTML/CSS

Frameworks: React.js, Angular, Vue.js, Node.js, .NET Core, Flask, Spring Boot

Databases: PostgreSQL, MongoDB, Oracle, DynamoDB, Redis

DevOps & Cloud: Azure DevOps, Docker, Kubernetes, AWS (EC2, S3), GitHub Actions

Other Tools: NgRx, Swagger, Postman, Tableau, Jenkins, Git, CI/CD

Soft Skills: Product Thinking, Rapid Prototyping, Team Leadership, Cross-functional Collaboration

Work Experience

Full-Stack Developer

Apr 2024 – Present

Superlogix Inc. | Plainsboro, NJ (Remote)

- Built fintech web apps with React.js, Node.js, and SQL, streamlining workflows by 32%.
- Integrated third-party services and APIs to improve throughput and data sync efficiency by 25%.
- Led DevOps automation using Azure DevOps and Docker, accelerating release cycles by 35%.

Web Developer

Jul 2022 – Nov 2023

American National Insurance | Galveston, TX

- Integrated Angular/TypeScript chatbot interface, reducing manual call volume by 68%.
- Developed 12+ RESTful APIs and improved responsiveness of the Call-Center Portal by 25%.
- Contributed to CI/CD deployment via Azure DevOps.

Full-Stack Developer

Mar 2022 – Jul 2022

Code Ninjas | Houston, TX

- Built Angular LMS features with PostgreSQL–MongoDB sync scripts.
- Used NgRx for state management, increasing code maintainability by 30%.
- Delivered clean, reusable modules to speed up instructional content deployment.

Front-End Developer

Jun 2021 – Mar 2022

Cardinal Health | Houston, TX

- Designed Angular/.NET application serving 3,500+ daily users.
- Streamlined CI/CD via Azure DevOps, cutting deployment time by 60%.
- Enhanced frontend performance and accessibility for internal healthcare tools.

Software Intern

Aug 2020 – May 2021

Epidemiology Data Center – University of Pittsburgh | Pittsburgh, PA

- Built a full-stack clinical research app using .NET and SQL, boosting processing efficiency by 30%.
- Increased data accuracy by 20% using optimized SQL triggers for real-time validation using Tableau.
- Collaborated with data teams to create Tableau dashboards for clinical insights and reporting.

Software Developer

Aug 2017 – Jun 2019

Ellucian Higher Ed | Bangalore, India

- Built and optimized PL/SQL procedures for SaaS ERP with 1,000+ job integrations.
- Conducted performance tuning using indexing, triggers, and best practices.

- Supported SaaS ERP feature rollouts by collaborating with QA and DevOps on release readiness.

Selected Projects

Mimix AI (Bolt Hackathon – World’s Largest Hackathon)

May 2025 – Present

<https://devpost.com/software/mimix>

Role: Frontend Lead | Stack: React 18, TypeScript, Supabase, Google Gemini API, ElevenLabs, Netlify, Algorand

An AI-powered synthetic audience simulator for A/B testing product ideas. Mimix combines multimodal AI and generative personas to accelerate product experimentation and market validation. Recognized for innovation in integrating LLMs with real-time user simulation.

HookED (Perplexity Hackathon 2025)

Apr 2025 – May 2025

<https://devpost.com/software/hooked-r7gmct>

Role: Full-Stack Developer | Stack: React Native (Expo), FastAPI, MongoDB, Perplexity Sonar API

A Gen Z-focused microlearning app that transforms trending memes, news, and social content into real-time personalized learning quests. Combines LLMs, educational analogies, and conversational AI to enhance learning retention and accessibility.

Education

MBA in Applied AI in Business

July 2024 – Present

Westcliff University | Irvine, CA

MS in Information Science

Aug 2019 – May 2021

University of Pittsburgh | Pittsburgh, PA

BE in Computer Science & Engineering

Aug 2013 – Jun 2017

Visvesvaraya Technological University | Bangalore, India

Awards & Certifications

- **Winner – SHEInnovates '21:** Built Learn2Earn – blockchain-based learning incentive app
- **Winner – SteelHacks '21:** Created Keeper – blockchain charity donation tracker
- **Best Paper – CoCoLe 2024:** Deep forest-based IDS for smart homes
- **IEEE Contributor:** Co-author of IEEE P1931.1 & P2994 standards
- **Certifications:** Udacity Deep Learning Nanodegree & Web Development using Java by Oracle