

ANIRUDH RAGHAVENDRA MAKULURI

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Work Authorization: Eligible for full-time employment in the US for up to 36 months under OPT/STEM OPT beginning May 2026.

SUMMARY

Passionate full-stack developer with hands-on experience building scalable web and mobile applications. Skilled in DevOps automation and integrating AI/ML solutions to enhance functionality. Experienced in leading and mentoring teams to deliver quality software on time. Currently pursuing a Master's in Computer Science at Arizona State University and eager to apply my technical and leadership skills in real-world projects.

EDUCATION

Arizona State University

Tempe, AZ

Master of Science in Computer Science (GPA: 3.78/4.00)

August 2024 – Present

Relevant Coursework: Artificial Intelligence, Data Processing at Scale, Data Visualization, Mobile Computing

Birla Institute of Technology and Science, Pilani

Hyderabad, India

Bachelor of Engineering in Electronics and Instrumentation

August 2018 – May 2022

TECHNICAL SKILLS & CERTIFICATIONS

Programming Languages: JavaScript, TypeScript, Java, C#, Python, C++, Kotlin

Frontend: HTML, CSS, React, React Native, Next.js, Redux

Backend & Database: Node.js, Express.js, REST APIs, NoSQL (Firebase Firestore, MongoDB), SQL (MSSQL, PostgreSQL, SQLite)

Cloud & DevOps: Google Cloud Platform (GCP), Oracle Cloud Infrastructure (OCI), Kubernetes, Docker, CI/CD (GitHub Actions, Fastlane, Xcode Cloud)

Machine Learning & AI: TensorFlow, Scikit-Learn, Generative AI, LLM, Retrieval-Augmented Generation (RAG)

Tools & Others: Git, GitHub, Agile/Scrum, OAuth, Microservices, Linux/Unix, Data Structures

Certifications: Oracle Certified Generative AI Professional(August 2025), Machine Learning Specialization (May 2024)

PROFESSIONAL EXPERIENCE

Shardings

June 2022 – August 2023

Software Engineer

- Developed full stack web and mobile apps with React/React Native used by 12,000+ users, maintaining 99.5% uptime.
- Led and mentored a cross-functional team of 6 interns, conducting 20+ technical interviews and implementing pair programming sessions that improved code quality standards
- Implemented Blue-Green deployments and automated build releases via Fastlane and GitHub Actions, reducing downtime and cut release times by 90%.
- Created feature to transcribe standup audio and generate summary tables via Google STT and ChatGPT API, improving meeting clarity and efficiency.

Shardings

July 2021 – December 2021

Software Engineer Intern

- Built a Google Calendar Workspace Add-on with JavaScript and Google Apps Script, improving room/event scheduling efficiency and user satisfaction.
- Added 8+ UI end-to-end features using ReactJS, Tailwind and NodeJS, enhancing user experience by adhering to design patterns and resolving bugs.

PROJECTS

SmartDeploy — AI-Powered DevOps Automation Platform

Next.js, Firebase Firestore, Docker, Google Cloud Run, Ollama (Mistral)

- Designed platform for one click deployment of 20+ GitHub repos to Google Cloud Run, reducing setup time by 80%.
- Developed AI based code analysis by running an LLM on a local GPU to auto generate build configurations with 90% accuracy.

Chatify — Real-Time Cross-Platform Chat Application

React, React Native, Node.js, Firebase, Vercel

- Designed and deployed a scalable cross-platform chat application for web, Android, and iOS with real-time messaging using Socket.IO, supporting one-on-one and group chats, rich media sharing (images, GIFs, files), message reactions, edits, deletions, and optimized infinite scroll pagination to ensure seamless user experience and performance.
- Integrated advanced AI-powered features including an AI assistant chat room for interactive conversations, smart reply suggestions powered by contextual AI, and conversation summarization for quick understanding of chat history, alongside robust user authentication (Google OAuth, email), friend system, and group management.