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)   June 2025 – July 2025
- 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, Expo, Node.js, Firebase, Vercel   March 2024 – May 2024
- Developed and deployed a production-grade chat platform for web, Android, and iOS, supporting one-on-one and group messaging.
- Implemented robust features: user authentication, friend requests, profile management (picture, name), emoji reactions, and message editing, saving, and deletion. Implemented pagination to optimize performance and message retrieval.
- Enabled media-rich messaging, supporting file, image, and GIF sharing in real time with efficient notifications.