Anirudh Raghavendra Makuluri

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EDUCATION

Arizona State University — Tempe, AZ
Master of Science in Computer Science — *GPA: 3.78/4.00 — Expected May 2026*
Coursework: Artificial Intelligence, Data Processing at Scale, Data Visualization, Knowledge Representation & Reasoning

Birla Institute of Technology and Science, Pilani — Hyderabad, India
Bachelor of Engineering in Electronics and Instrumentation — *May 2022*

EXPERIENCE

Shardings — June 2022 – August 2023
Software Engineer — *Remote*
- Engineered full-stack web and mobile applications using React and React Native for platform with 12,000+ registered users, and maintaining a 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
- Architected Blue-Green deployment strategy on Google Cloud Platform with load balancers and Compute Engine, eliminating 30-minute production downtime and reducing deployment risks
- Automated Android and iOS build releases using Fastlane, GitHub Actions, and Xcode Cloud, reducing manual deployment time from 6 hours to 30 minutes weekly (saving 5.5 hours per release cycle)

Shardings — July 2021 – December 2021
Software Engineer Intern — *Remote*
- Developed Google Calendar Workspace Add-on using JavaScript and Google Apps Script, providing users with room creation, settings modification, and seamless event scheduling capabilities
- Enhanced user interface components and implemented 8+ new features, improving overall user experience and reducing customer support workload

PROJECTS

SmartDeploy — AI-Powered DevOps Automation Platform
Next.js, Firebase Firestore, Docker, Google Cloud Run, Ollama (Mistral) — June 2025 – July 2025
- Architected and developed a DevOps automation platform enabling one-click deployment of 20+ GitHub repositories to Google Cloud Run, reducing manual setup time by 80%
- Designed AI-powered codebase analysis using a local Mistral LLM with Ollama to auto-detect frameworks, and generate build/run configurations with 90% accuracy
- Implemented real-time deployment monitoring via WebSockets, providing developers with live logs and interactive controls to pause, resume, or stop deployments seamlessly
- Secured authentication with GitHub OAuth and optimized Docker-based build pipelines, cutting container image build times from 5 minutes to under 2 minutes per release

CERTIFICATIONS

Oracle Certified Generative AI Professional
Oracle University · August 2025
- Advanced knowledge in generative AI technologies including LLMs, RAG, and Langchain frameworks

TECHNICAL SKILLS

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

Frontend: React, React Native, Next.js, Tailwind CSS, shadcn/ui

Backend: Node.js, Express.js, .NET, Firebase Firestore, MSSQL

ML & AI: Pandas, TensorFlow, scikit-learn, XGBoost, Gen AI, LLM, RAGs