

SUNIL RAVULAPATI

Full-Stack Developer | Top 1.3% Amazon ML Challenge | AI & Cloud Enthusiast

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PROFESSIONAL SUMMARY

Software Development Engineer with a strong foundation in C++ and **object-oriented programming**. Experienced in developing applications on **Windows, Linux, and Android** systems, with hands-on projects that optimized performance and user experience. Achieved a **20% improvement** in processing efficiency through innovative coding solutions, eager to contribute to high-quality software development at AMD.

SKILLS

Databases : AWS (Cloud Foundations), MongoDB, Firebase, MySQL
Languages : English, Telugu, Hindi
Soft Skills : Communication, Problem Solving, Teamwork, Time Management, Adaptability, Critical Thinking, Creativity
Tools Platforms : GitHub, Groq (LPU Inference), REST Client (Postman), Ollama, Cloudinary, Git
Operating Systems : Windows, Linux, Android
Frameworks Libraries : React.js, Next.js, Node.js, Express.js, MERN Stack, Tailwind CSS, React, Express
Programming Languages : C++, Python, JavaScript, Java, SQL, C

PROJECTS

Orbit (Social Media App) |  Github  Vercel Mar 2026 - Present
Full-Stack Developer

- **Architected** a scalable full-stack "Twitter/Threads" clone using the **MERN Stack** for complex user relationships and post distributions.
- **Optimized MongoDB aggregation pipelines** for personalized user feeds with **sub-100ms** response times.
- **Implemented** a real-time notification system using **Socket.io**, ensuring low-latency updates for likes, follows, and comments.

Technologies / Tools Used : Tailwind CSS, React, Node.js, Express, MongoDB

AiResume |  Github  Vercel Feb 2026
Full-Stack Developer

- Developed a full-stack **MERN** application using the **Groq LPU Inference engine** to analyze resumes for ATS compatibility in under 2 seconds, utilizing **debuggers** for efficient troubleshooting.
- Engineered a custom parsing algorithm that identifies common AI-grader pitfalls, improving user scoring accuracy by **40%**.
- Integrated real-time feedback loops for actionable keyword suggestions, achieving a **98% accuracy rate** in identifying missing technical competencies, while employing **source code control systems** for version management.

Technologies / Tools Used : MERN Stack, JWT, Recharts, Express, Node.js, React, MongoDB, Tailwind CSS, debuggers, source code control systems

ProsperOS |  Vercel  Github Feb 2026
Full-Stack Developer

- Built a "**Privacy-First**" financial advisor by integrating **Local LLMs via Ollama**, ensuring **100% data privacy** by keeping sensitive financial records off external cloud APIs.
- Developed a high-performance "**What-If**" engine using **React** to simulate **10-year investment opportunity costs** and Debt-to-Income (DTI) analysis.
- Visualized complex financial health trends and net worth tracking using **Recharts**, providing users with a data-driven dashboard for personal wealth management.

Technologies / Tools Used : React, Ollama (Llama 3), Recharts, Tailwind

WORK EXPERIENCES

Software Engineering Intern (Virtual, Forage) | Internship Nov 2024 - Nov 2024
Walmart Global Tech Remote • Remote

- Route Optimization: Developed a Python-based pathfinding algorithm that reduced delivery simulation bottlenecks by **15%** across a dataset of **10,000+** customer nodes.
- Data Analytics: Streamlined logistics pipelines resulting in a **20% improvement** in processing efficiency for large-scale customer datasets.

Technologies / Skills Used : Python, Data Structures, Algorithms, Data Analytics

Software Engineering Intern (Virtual, Forage) | Internship Sep 2024 - Sep 2024
J.P. Morgan Chase & Co. Remote • Remote

- Full-Stack Development: Architected a real-time dashboard using **Kafka** to process and visualize **live stock data streams** with sub-200ms latency.
- Automated internal workflows for simulated trading environments, reducing manual task entry time by **estimated 30%**.

Technologies / Skills Used : Kafka, Java, Data Structures

EDUCATIONS

Anurag University | Hyderabad, India Aug 2023 - Present
B.Tech in Computer Science CGPA : CGPA: 9.05/10

AWARDS & ACHIEVEMENTS

Amazon ML Challenge Oct 2025
Amazon
Ranked 1050 / 82,794 (Top 1.3%) for machine learning model accuracy.

Suntek DSA Elite 25 Sep 2025
Suntek Corp
Selected as a Top 25 student out of peer group for excellence in Data Structures and Algorithms.

Google Maps Nominee Sep 2025
Google Maps Platform
Shortlisted as an official nominee for the Google Maps Platform Challenge for 'Urban Ally'.

Third Place Finish - CSI AVENSIS 2K25 May 2025
Anurag University
Led team to a **third place finish** at the **CSI AVENSIS 2K25** by developing an **AI Model** for Online Customer Review Analysis using Python, Streamlit, and fastText.

DSA PROFICIENCY

- Completed **450 problems** on LeetCode, achieving a global ranking of **224,015**.
- Solving approximately **760 problems** on CodeChef.
- Worked on around **50 problems** in GFG.

CERTIFICATIONS

AWS Academy Graduate - Cloud Foundations Dec 2025 - Mar 2026
Amazon Web Services Training and Certification
Certification Url : https://www.credly.com/badges/e45c73bb-9790-42e9-8d4f-3db6650bf6ef/public_url