SURAJ A
Software Engineer
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SUMMARY

- Software Engineer with **3+ years** of experience in automation, AI-driven workflows, and cloud-native systems. Delivered new features to internal platforms with **~10M** monthly active users, reduced manual effort by **80%** through automation, and resolved production issues through monitoring, alerting, and root-cause analysis.
- Experienced in integrating AI/ML services, designing scalable solutions, and improving system reliability, CI/CD pipelines, and operational efficiency in high-scale environments at **Amazon and LTIMindtree**

WORK EXPERIENCE

Amazon   **Chennai, IN**
Application Engineer II   *Apr 2024 - Present*

- Supported and enhanced internal catalog platforms handling **100+ operational issues/month**, reducing recurring high-priority incidents by **~80%**.
- Integrated AI/ML-powered solutions and other AWS services into internal tools and workflows to improve operational efficiency and reduce manual resolution time by ~60%.
- Performed deep-dive analysis using **CloudWatch logs, metrics, and host-level data** to identify and fix root causes.
- Improved **CI/CD pipelines** reliability and deployment success through monitoring and pipeline optimizations.
- **Awards:** Extra Miler, Rising Star, CSO-2025 Hackathon Winner.

LTIMindtree   **Chennai, IN**
Software Engineer   *Jul 2022 - Apr-2024*

- Developed user-friendly web apps using React and Django, improving customer experience and system usability.
- **Built Slack bots** to notify teams of high-priority data-related incidents, enabling faster response times by **~85%.**
- Collaborated cross-functionally to identify performance bottlenecks and implement long-term fixes, improving the system.
- **Achievements**: Rising Star Award, Hi-Fi Award.

SKILLS

- **Languages**: Python, Java, TypeScript, JavaScript
- **Frontend**: React, Cloudscape, Tailwind, Bootstrap, HTML, CSS, JS, jQuery
- **Backend:** Django, FastAPI, Flask, Node.js, Express.js, Spring Boot
- **Cloud Services:** EC2, ECS, S3, Cloudwatch, Lambda, DynamoDB, RDS, API Gateway, Compute Engine, PubSub
- **Tools:** JIRA, Git. Postman, Unix/Linux, Docker, CI/CD, Swagger, VSCode, Claude, MCP

KEY PROJECTS

Catalog Ops Tools (Amazon)

- Designed and developed an internal tool to automate and simplify catalog-related operational work, reducing manual effort by **~40%** and improving turnaround time for ticket resolutions by **~10 hrs/week.**
- Improved team productivity by enabling **500+ users** to manage and execute catalog tasks through a unified interface.
- **Tech:** React, AWS Cloudscape, Lambda, DynamoDB

Blog Podium (Personal) | **Github** | **Demo Video**

- Social media web application that enables users to **write blogs, publish podcasts, and interact with content** through likes, comments, and search.
- **Tech:** Python, Django, React

EDUCATION

Master of Computer Application (2022 - 2024)   **CGPA**: 8.2
University of Madras (Distance)

Bachelor of Science in Computer Science (2019 - 2022)   **CGPA**: 9.2
R.K.M Vivekananda College

CERTIFICATIONS

- Google Cloud Certified - Associate Cloud Engineer
- Google Cloud Certified - Cloud Digital Leader
- CS50x - Harvard University