Anirudha Kanakatte Aravind

Software Engineer
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EDUCATION

University of Limerick	Limerick, Ireland
Master of Science in Software Engineering, with Data Analytics	*09/2022 - 09/2023*
BMS Institute of Technology	Bengaluru, India
Bachelor of Engineering in Electronics And Communications	*08/2012 - 07/2016*

EXPERIENCE

Algofusion Technologies — 06/2020 - 12/2021
Software Engineer — *Bengaluru, India*

- Reduced overall process delay by 40% by migrating the custom image processing module from Python to Go.
- Eliminated extra dependencies through the development of native installer module for cross-platform, lightweight, agent based monitoring application.
- Developed a unified discovery and monitoring backend for select cloud resources in AWS, Azure, OCI, and GCP.
- Migrated an application running on a Flask backend to FastAPI.

Hashinclude Computech — 09/2019 - 06/2020
Software Engineer — *Bengaluru, India*

- Reduced manual efforts by 60% in a custom cloud resource creation, modification, and deletion workflow by automating the process.
- Decreased customer request fulfillment times from a span of 3-5 days to a matter of hours.
- Reduced cloud resource utilization expenses by at least 25% through the migration of the automated workflow to a serverless backend.

Ericsson Global India Limited — 10/2016 - 09/2019
Assistant Engineer — *Bengaluru, India*

- Reduced the number of weekly overrun activities occurred by 50% by creating and deploying a real-time change request tracking system.
- Achieved two consecutive years of error-free delivery through active contributions and consistent performance.
- Led a three member shift team as SPOC.

PROJECTS

Cloud-Monitor | *Python, Flask, OpenDistro, Docker* — 08/2020 - 04/2021

- Developed a web application backend using a framework built on Flask serving a REST API with an existing frontend.
- Implemented cloud resource discovery and setup monitoring supplemented by metricbeat.
- Visualized metricbeat and other monitoring data using Kibana dashboards.
- Dockerized the application to ensure consistency, portability, and isolation.

TECHNICAL SKILLS

Programming Languages: Python, Go, Rust
Frameworks: Flask, FastAPI
Databases: Elasticsearch, OpenDistro, MySQL, Redis
Cloud Providers: AWS, Azure, OCI, GCP
Tools: Docker, Terraform, RabbitMQ
Developer Tools: Git, Visual Studio Code, Vim

INTERESTS

Football, Cricket