

Arokia Lijas

Senior Software Engineer

Versatile Senior Full-Stack Developer with 6+ years of experience, specializing in complex systems architecture using Angular, Node.JS, and Python. Proven expertise in leveraging Generative AI to accelerate development, transforming PoCs into productized tools, and driving significant improvements in resource optimization. Passionate about technical ingenuity, continuous learning, and sharing knowledge.

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SKILLS

Angular

Javascript

Node.JS

React

AWS

HTML

Bootstrap

CSS

Cypress

Docker

Flask

IIS

MySQL

Playwright

PostgreSQL

Python

Redis

Tailwind CSS

WORK EXPERIENCE

Senior Software Engineer

Siemens Technology and Services Limited

09/2023 - Present

Bengaluru, India

Achievements/Tasks

- Acting as the Generative AI Advocate for the sub-segment, driving the adoption of emerging AI technologies, defining best practices, and mentoring teams on leveraging GenAI to accelerate development workflows.
- Transformed a Generative AI hackathon PoC into a productized tool (Award-winning - reference Value Creator award) , impacting 85% of the users/processes.
- Collaborated with a global engineering team to integrate a dynamic load management algorithm, resulting in a 35% improvement in resource allocation.
- Designed and developed an algorithm to optimize the charging process for a fleet of vehicles, ensuring efficient power allocation and utilization.
- Eliminated a critical, multi-year legacy memory leak, reducing out-of-memory pod crashes by 100% and significantly increasing microservice stability.
- Incorporated smart charging strategies to minimize energy wastage and reduce charging times, enhancing operational efficiency and cost-effectiveness.

Software Engineer

Siemens Technology and Services Limited

04/2022 - 09/2023

Bengaluru, India

Achievements/Tasks

- Implemented an advanced lazy loading technique that improved application memory utilization by 15% and enhanced user experience on high-traffic modules.
- Quickly scaled up in learning a new language (Python) and assumed responsibility for a that microservice, overseeing its development and enhancement processes.
- Refactored legacy Cypress tests to eliminate race conditions, leading to a 20% decrease in intermittent failures and saving manual regression testing hours.
- Mentored a college student who was part of a scholarship program.

Fullstack Developer

LumiQ.ai

12/2021 - 04/2022

Chennai, India

Achievements/Tasks

- Worked in Insurance domain.
- Created a flow to reduce the manual file submission checklist.

WORK EXPERIENCE

Software Engineer - I

HashedIn by Deloitte

07/2021 - 12/2021

Achievements/Tasks

- Lead the UI team which was one of the top six in the hashedIn product demo.
- Acted as the lead for the UI team in the Banking Domain.

Bengaluru, India

Systems Engineer

Infosys Limited

05/2019 - 07/2021

Achievements/Tasks

- Led the development and deployment lifecycle (code review, deployment) for the Infosys Meridian Platform, earning the Infosys Awards for Excellence.
- Built a project portal to ease the onboarding of the employees from bench into the appropriate projects based on their skill set.
- Developed many projects from scratch and worked in multiple projects concurrently and Mentored three projects.

Mysuru, India

HONOR AWARDS

Path Finder (09/2025)

Siemens Technology and Services Limited

- For exceptional technical ingenuity and cross functional impact

Value Creator (12/2024)

Siemens Technology and Services Limited

- Got the prestigious award for a doing a POC which was later integrated with the application

Infosys Awards for Excellence (01/2021)

Infosys Limited

- For the outstanding achievement in creating the Systems and Process in Live Enterprise - Infosys Meridian Platform

CERTIFICATES

AWS Partner: Accreditation (Business)

(07/2021 - Present)

AWS Partner: Accreditation (Technical)

(07/2021 - Present)

EDUCATION

Bachelor of Engineering (Mechanical)

St.Joseph's Institute of technology

06/2015 - 04/2019

7.65

HSLC

Zion Matriculation Higher Secondary School

06/2014 - 04/2015

95.5%

LANGUAGES

English

Full Professional Proficiency

Hindi

Limited Working Proficiency

Kannada

Limited Working Proficiency

Tamil

Full Professional Proficiency