

## SKILLS

- **Languages** : C, Java, JavaScript, SQL, Elasticsearch Query, Python
- **Frameworks** : Spring Boot, MarionetteJs, BackboneJS, Webpack, Three.js
- **Data Analysis & Visualization** : Kibana Visualizations, Tableau
- **Other Skills** : Dockerization, AWS, Github, Jenkins, ML Algorithms

## EXPERIENCE

### Software Engineer

Jun 2021 - Present

#### Esko Graphics Private Ltd.

Bangalore, India

- Migrated core calculation modules to the cloud following Microservice based Architecture, achieving over 50% user adoption and significantly enhancing platform accessibility.
- Engineered and implemented robust unit tests, boosting calc algorithm accuracy by 90% and enhancing overall system stability.
- Spearheaded the development of the Prime Feature, delivering critical functionality independently and accelerating project timelines by 20%
- Developed automated pipelines to fetch Veracode and SonarQube metrics, streamlining DevSecOps processes and optimizing over 80% of microservices.
- Created Kibana visualizations and integrated Elasticsearch to analyze user logs, reducing bug detection time by 30%.
- Mentored junior developers and actively participated in system design, ensuring smooth integration of both backend services and UI components.
- **Tech Stack Used:** Java Spring Boot, Marionette JS, Elastic Search, Dockerization, AWS Services - ECR, ECS, SES, SQS, Dynamo DB, Kibana.

### Software Development Internship

Jan 2021 - May 2021

#### Esko Graphics Private Ltd.

Bangalore, India

- Engineered robust applications from scratch using C, Java, NodeJS, and JavaScript, improving system architecture and logical problem-solving without utilizing frameworks
- Designed and deployed a online food delivery app on EC2, handling backend architecture, database design, order processing and ensuring a smooth UX from front-end to back-end.

## PROJECTS

### Automated Code Quality & Security Reporting System

- Engineered an automated Jenkins pipeline to retrieve SonarQube/Veracode metrics, reducing manual code audit efforts by over 70%.
- Implemented delta analysis and structured email reporting, enhancing DevSecOps visibility across 80% of cloud-hosted microservices.
- Facilitated faster identification of quality and security score drops, empowering teams to proactively maintain code health.

### Experiments on Application Enhancements

- Engineered an in-app feedback collector that captured real-time user insights, leading to a 20% boost in user satisfaction.
- Designed and launched an interactive application tour, enhancing user onboarding and driving organizational investment in similar tools across cloud applications.
- Implemented a drag-and-drop interface for custom report template creation, increasing user engagement and prioritizing it in the application backlog.
- Developed a recommendation system using Elasticsearch's KNN similarity search, improving user experience and reducing repetitive actions by 25%.
- Automated component separation for COLLADA (.dae) files through 3D model segmentation, significantly enhancing intelligent 3D object interaction.

## ACHIEVEMENTS

- Got the Outstanding Contributor of the Year Award for the year 2023.
- Got the Spot Award (Extra-Mile Award) consecutively for all the three years.
- Got the Special Recognition on presenting the Innovation Idea on Company's Contest and also one of the nominee for Rookie Award.

## EDUCATION

### Scaler

2025

Specialized in Data Science & Machine Learning

### Sri Ramakrishna Engineering College

2021

BE/B.Tech/BS in Electronics | 8.49 CGPA

Awarded the Abaram Award (College-Wide Recognition) for Outstanding Academic Performance (2021)