

# ARUNA NUWANTHA

Abu Dhabi, United Arab Emirates

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## SUMMARY

A highly proficient software engineer with over **8 years of experience** in developing and designing scalable, high-performance software solutions. With a solid foundation in computer science, specialize in delivering robust applications using modern development practices. Seeking a challenging role where I can leverage my expertise while growing alongside a cutting-edge team.

## SKILLS

**Languages:** Java, JavaScript, Scala

**Databases:** PostgreSQL, MySQL, Cassandra

**Technologies:** Git, GCP, AWS, Terraform, Docker, Kubernetes, Prometheus, Grafana

**Frameworks:** Spring Boot, ReactJS, Next.js

**CI/CD:** Github-Action, GoCD, Argo CD, Jenkins

## WORK EXPERIENCE

### PAGERO, DUBAI, UAE | SOFTWARE ENGINEER - SENIOR SOFTWARE ENGINEER

Sep. 2020 – Oct. 2024

- Developed and maintained 5 microservices using **Java** and **Scala**, ensuring scalability and performance across the team's projects.
- Designed and implemented a new backend architecture and database schema for a document storage system handling over 10 million documents.
- Engineered a new **REST API** endpoint, which resulted in a 30% reduction in customer support tickets by improving product functionality.
- Implemented a cluster scheduler using **Spring Boot**, **JPA**, and **PostgreSQL**, automating data deletion for over 100,000 records monthly after reaching their expiration date.
- Created a user interface using **Java Wicket**, adding a new set of configurable settings, enhancing user experience for 500+ active users.
- Played a pivotal role in the design phase of an efficient and scalable solution for the customer document archive system to manage over 5 million documents using **Spring Boot**, **PostgreSQL**, and **Amazon S3**.
- Conducted over 50 code reviews and wrote unit, integration, and feature tests.
- Provided developer support, resolving over 100 customer support issues related to technical challenges.
- Optimized database performance by adding indexes and full vacuum cleaning, reducing query time by 30%.
- Established Service Level Objectives (**SLOs**) for critical service areas.
- Experienced in handling mission-critical tasks throughout the full **SDLC** and **Agile** processes, successfully delivering multiple time-sensitive projects.

### SYNOPSIS INC, SRI LANKA | SOFTWARE ENGINEER

Nov. 2019 – Aug. 2020

- Worked in the ZEBU emulator verification group, contributing to the design and implementation of key verification processes.
- Involved in the development of three major internal projects: ACA Dashboard, Jira Tracking Dashboard, and Code Ownership Tool.

### TREBLE SOLUTIONS, SRI LANKA | FULL STACK DEVELOPER - PART TIME

Jan. 2016 – Oct. 2019

- Spearheaded the development and implementation of chemmyfashion.com e-commerce platform utilizing **React.js**, delivering a responsive and user-friendly shopping experience.
- Played a key role in implementing RESTful APIs using **Node.js** to support the e-commerce platform's backend functionality, enabling seamless data flow and integration.
- Collaborated on the development of the company's corporate website [treblesolutions.com](http://treblesolutions.com), contributing to improved online presence and brand visibility.

## EDUCATION

**Masters in Computer Science** | UNIVERSITY OF COLOMBO SCHOOL OF COMPUTING

2022–2024

**BSc. Honours, Computer Engineering Specialization** | UNIVERSITY OF PERADENIYA

2015–2019