

ARUNA NUWANTHA

Abu Dhabi, United Arab Emirates

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SUMMARY

A seasoned software engineer with over **8 years of experience** across **UAE** and **Sri Lankan** markets, specializing in scalable, high-performance software solutions. Combining strong computer science foundations with international project exposure, seeking challenging opportunities to leverage expertise in modern development practices while contributing to a cutting-edge team.

SKILLS

Programming: Java, JavaScript, TypeScript, Python, HTML, CSS

Frameworks: Spring Boot, Spring MVC, Spring Cloud, React.js, Next.js

Databases: PostgreSQL, MySQL, Oracle SQL, MongoDB, Cassandra

Cloud Computing: Amazon Web Services, Google Firebase, Superbase

Other: Microservices, Monolithic, TDD, Docker, Kubernetes, RabbitMQ, Elastic-Search

CI/CD: Github-Actions, GoCD, Jenkins

Version Control Tool: Git, PerForce

Monitoring: Prometheus, Grafana

Operating System: Linux, MacOS, Windows

Domain: FinTech

WORK EXPERIENCE

PAGERO, DUBAI, UAE | ASSOCIATE TECH LEAD

Nov. 2023 – Dec. 2024

- 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 **AWS S3**.
- Implemented a cluster scheduler using **Spring Boot**, **JPA**, and **PostgreSQL**, automating data deletion for over 100,000 records monthly after reaching their expiration date.
- Experienced in handling mission-critical tasks throughout the full **SDLC** and **Agile** processes, successfully delivering multiple time-sensitive projects.

PAGERO, SRI LANKA | SENIOR SOFTWARE ENGINEER

Sep. 2020 – Oct. 2023

- Developed and maintained 5 microservices using **Java** and **Spring Boot**, ensuring scalability and performance across the team's projects.
- Optimized and resolved issues in a 3-node **Elassandra** cluster, improving system performance by 25%.
- Designed and implemented a new back-end 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.
- Created a user interface using **Java Wicket**, adding a new set of configurable settings, enhancing user experience for 500+ active users.

SYNOPSYS 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

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 back-end functionality, enabling seamless data flow and integration.
- Collaborated on the development of the company's corporate website treblesolutions.com, contributing to improved online presence and brand visibility.

EDUCATION

BSc. Honours, Computer Engineering Specialization | UNIVERSITY OF PERADENIYA
GCE Advanced Level Examination in Physical Science | SARANATH COLLEGE

Nov. 2011 – Dec. 2015
Jan. 2000 – Aug. 2010