Devin Wickramasinghe

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Summary

Senior Full Stack Software Engineer with over 5 years of experience building enterprise solutions, specializing in Web Application Design and Development, with extensive experience in the Telecommunications, Fintech, and E-Commerce industries. Committed to strong foundational concepts over specific tech stacks & eager to learn new technologies to meet client requirements. Passionate about innovation, approaching challenges with an out-of-the-box mindset, believing there are no problems, only opportunities for creative solutions.

Experience

Senior Software Engineer	**Dialog Axiata PLC (via Acentura Inc), LK**	**April 2024- Present**
Software Engineer	**Dialog Axiata PLC (via Acentura Inc), LK**	**Sep 2022- Apr 2024**
Associate Software Engineer	**Dialog Axiata PLC (via Acentura Inc), LK**	**Oct 2021- Sep 2022**

Major Telecommunication Service Provider in Asia

- Lead technical developments and guide team members following Agile Practices.
- Migrated 100+ microservices from on-prem servers to AWS EKS cluster improving observability, scalability, and performance with 99% uptime
- Monitor & fix performance issues in distributed microservices.
- Performed code reviews to maintain code quality & best practices.
- Containerization of 70+ on-premises microservices to be deployed in a Cloud Environment using Docker.
- Performed 16+ interviews to recruit new engineers to the technical teams
- Train 11+ junior engineers on the domain, technical topics, design guidelines, and best practices.
- Production deployment of 100+ release cycles and optimize CI CD using Jenkins, Gitlab, Platformer
- Investigated production issues and released 89+ hotfixes
- Design & developed new features in Dialog CRM, Order Management System & Hotline
- Develop & worked with REST/SOAP APIs, schedulers, event-driven queues using Spring Boot & Apache Kafka, WSO2 Mife API Manager
  Utilized: Spring Boot, Angular, React, Typescript, JavaScript, Java, Go**,** Python Docker, Kubernetes, AWS Services(EKS, S3, etc.), Git, Gitlab, Jenkins, JIRA, Platformer, Linux, Grafana, OpenSearch

Software Engineering Consultant	**Freelance (Remote), USA**	**Aug 2022- Apr 2023**

- Provided personal consultation to the development of APIs using JAX-RS, to engineer in a Financial Service Company in the USA
- Analyzed & managed testing of business logics in DB procs Sybase
  Utilized: Java EE, Sybase, JAX-RS

Software Engineering Consultant	**KNRO Global Pvt Ltd, LK**	**Nov 2019- Oct 2021**

Clothing Brand

- Developed company website and improved SEO
- Designed, Developed, and managed company E-Commerce Platform

Projects

EnvyTech – E-Commerce website for online mobile device store
- Designed and developed a Shopping Cart and Integrated Online Payment via PayPal
- Designed and developed an admin panel to manage & visualize business analytics data
- **Utilized:-**Java EE, Hibernate, MySQL, HTML, CSS, JS, Bootstrap, JQuery, Angular JS, Glassfish Application Server

LyftMe – Taxi App that connects Drivers and Clients

- Designed and Developed Android App, Backend server & DB with Java EE, Hibernate, MySQL
- Integrated Firebase to Store User Data & Twilio API for OTP validation
- Add location and routing features integrating Google Maps API
- **Utilized:-**Java, Java EE, Firebase, GoogleMaps API, Twilio API, GitHub

Shopping Complex Management Software
- Designed UI & Implemented Image Compression to reduce the size of images
- Designed & developed Custom Report Generation Library
- **Utilized:-**Java FX, FXML MySQL, JasperSoft Reports, BitBucket, Gluon

POS and Stock Management Desktop Application
- Designed and Developed an Application that allows users to manage the POS system and Stocks in the Store
- **Utilized:-**Java SE, Swing API, Hibernate, MySQL

Education

Cert in Artificial Intelligence in Embedded Systems, AI – Moratuwa University(LK)	**Nov - 2022**
BSc (Hons) Software Engineering (First Class) – **Birmingham City University (UK)**	**May – 2021**
PCJT Software Engineer III (SCQF Level 9)	**Jun 2018 - Sep 2019**
Professional Higher Diploma in Software Engineering (SCQF Level 8)	**May 2017- Jun 2018**
Professional Diploma in Software Engineering (SCQF Level 7)	**Feb 2016- May 2017**
GCE Advanced Level (Physical Science Stream), Sri Lanka	**Sep - 2015**
GCE Ordinary Level, Sri Lanka (9 A)	**Dec - 2012**

Programming Coursework – Data Structures & Algorithms, Object-Oriented Programming, OO Design Patterns, Electronics, Computer Hardware Networking, DBMS, Hand Held Device Programming, Web Component Development, Business Component Development, PM, Software Testing & QA
Self-Studies:
Machine Learning
Building High-Performance Microservices with gRPC

Skills

Programming Languages & Frameworks:
- **Java EE, Java**: Extensive experience in backend development and application logic design.
- **Spring Boot, Node JS**: Skilled in building robust microservices and RESTful APIs.
- **Angular, React, Typescript**: Developed dynamic front-end applications focusing on user experience.
- **SQL (MySQL, Oracle, PostgreSQL, MongoDB)**: Integrated & used in Microservices. Query Optimization.

Tools & Technologies
- **Containerization & Orchestration:**
    - **Docker, Kubernetes, AWS**: Experience deploying and managing containerized applications in cloud environments.
- **CI/CD & DevOps:**
    - **Jenkins, GitLab CI/CD, Platformer**: Proficient in automating deployment processes and optimizing continuous integration workflows.
- **Monitoring & Performance Tuning:**
    - **Grafana, SonarQube**: Utilized for application monitoring, performance analysis, and maintaining code quality.

Software Development Practices
- **Agile Methodologies:**
    - Active participation in Scrum ceremonies, focusing on iterative development and team collaboration.
- **Code Quality Assurance:**
    - Conducted code reviews & training sessions, ensuring adherence to best practices and design guidelines.
- **Testing Frameworks:**
    - Proficient with JUnit, and Mockito for unit testing and ensuring code reliability.