Mohamed NAWAS

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🐙 Github

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🌐 Website

Education

- **Bachelor** of **Information Technology**
  Reading - External
  University of Colombo
  2022-2025
- **Higher Diploma in Information Technology**
  University of Colombo

Certifications

- GCP - Core Infrastructure - Google Cloud
- Reactive Architecture - Lightbend Academy
- AWS Cloud Practitioner - Amazon Web Services

Technical Skills

- Software Architecture, Clean Coding, Software Design
- Test Driven Development
- Agile, Jira, Confluence
- JUnit, Hibernate, Jest, Enzyme
- AWS, GCP, Azure
- Docker, Kubernetes, EC2, EBS, S3, Route53, Postman
- SQL, NoSQL, Posgres, MongoDB, Strapi, NextJs
- CMS, Theme Customization, Plugin Customization, Figma
- Mobile App Development, Prototype Development
- Software Deployment Configuration

Experience

Associate Fullstack Developer at *Maytech Holdings Pvt Ltd (Colombo 9)*   **Apr 2024 - Jul 2024**
◊ Customized **wordPress themes** and blocks using **Gutenberg block editor**
◊ Built responsive, dynamic websites with React, Php, Html, Css, Sass, JQuery
◊ Collaborated with cross-functional teams to define project requirments, enhance roadmaps, create estimations, and ensure pixel-perfect UI implementation
◊ Ensured websites adhered to **SEO**, **cross-browser** and **performance** best practices

Back-end Developer at   *Swivel Tech Pvt Ltd*
(Colombo 3)   **March 2022 - Mar 2024**
◊ Developed and maintained backend APIs for mobile and web clients using **java spring boot**, addressing bugs, features, and performance enhancements
◊ Designed and implemented **microservices** architecture, utilizing **Domain Driven Design (DDD), CQRS, Saga patterns**, and **spring cloud** for service discovery and api gateway implementaions
◊ Implemented secure authentication/authorization using **spring security** and integrated **spring auditing** for tracking of records
◊ Setup and maintained **CICD** pipelines for automated deployment to AWS EC2 and EBS using github actions, Deployed applications using **Docker** containers and on **Kubernetes** clusters
◊ Integrated **RabbitMQ** message broker for microservice communication, Setup third party **payment gateways** (Paypal, Stripe)
◊ Implemented a centralized logging mechanism for microservices using **ELK** stack, quality tracking with **SonarQube**
◊ Wrote clean, modular, maintainable and testable code with unit and integration test
◊ Collaborated with stakeholders to gather requirments, design solutions, cordinating QA releases, document process with tools like **Confluence**, **Swagger** etc

Mobile App Developer at *Freelance*   **Apr 2021 - Dec 2021**
◊ Developed a **social media mobile app** from scratch using **React Native**, integrating **Firebase** for authentication and DB, **FCM** for real time notifications
◊ Implemented key features such as **user authentication, follower mechanism, social interactions**, and **real time messaging** functionality
◊ Collaborated with the client to gather requirments and research **optimal technology solutions** to meet business objectives
◊ Translated UI designs into **pixel-perfect mobile interfaces**, ensuring an optimal user experience across IOS and Android platforms
◊ **Optimized app performance** for scalability and seamless user interaction

Volunteer Experience

Prototype Dev at *KYS*   **Jan 2021 - Feb 2021**
◊ Developed a prototype solution for a local shopping store to manage business procesess, including **inventory, customer management**, and **payments**
◊ Front-end: **React + Redux** | Back-end: **Node.js, Express, TypeORM, MySQL, TypeScript**
◊ Applied a **microservices architecture** to ensure modular, scalable backend services
◊ Integrated **Paypal** payment gateway for test transactions, facilitating secure payment processing