

Najimudeen Mohammed Sanan

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Profile Summary

Full-stack Software Engineer with 2.8 years of experience delivering scalable cross-platform solutions in Agile teams. Rapid learner of new technologies, adept at end-to-end delivery, and eager to drive impact on cloud-native projects while optimizing performance.

Personal information

Name	Najimudeen Mohamed Sanan	Gender	Male	Civil Status	Single
Date of Birth	16 - May – 1999	Nationality	Srilankan	passport	N11331865

Skills

- Languages & Frameworks:** PHP (Laravel) · Java (Spring Boot) · JavaScript (ES6+, React) · Python (Flask) · flutter **MERN** · Tailwind CSS · SOAP client integration · Java Servlets · Machine Learning basics · QGIS
- Databases & APIs:** MySQL · MongoDB/NoSQL · RESTful API design · GraphQL · SOAP APIs
- DevOps & Cloud:** Git/GitHub · Bitbucket · Docker · CI/CD (GitHub Actions) · Digital Ocean (Droplets, Load Balancing, Domain Management)
- Architecture & Methodologies:** MVC · Microservices · Agile/Scrum · Test-Driven Development (TDD)
- Developed a secure backend with **JWT authentication, supporting REST APIs (HTTPS)** and code with clean, maintainable practices. Experience

Experience

ONE DAY DIGITAL COLOMBO MAR 2023 – AUG 2025	(Promoted from Intern → Junior → Mid-Level Software Engineer)
<ul style="list-style-type: none">Built and maintained cross-platform POS solutions, Delivering desktop, Web, and Mobile interfaces—streamlining transaction workflows and reporting for retail clients.practices and Bitbucket workflows. Released and updated 10+ applications using diverse tech stacks, including MERN and Laravel, for clients across various domains, deployed on Digital Ocean servers.Developed custom WordPress + WooCommerce plugins and Integrated them with Flutter mobile apps; published to Android and iOS app stores, driving a 15% uptick in mobile sales.Architected microservice-based backends with JWT authentication, RESTful (HTTPS) APIs, and WebSocket (WSS) streams—ensuring seamless web/mobile data sync and 99.9% uptime on Digital Ocean droplets.Collaborated in Agile sprints (Jira/Bitbucket), enforced code reviews and CI/CD pipelines, and achieved a 92% reduction in production bugs through TypeScript, Zod validation, and centralized middleware.	
SYNAPSE SOLUTION PVT LTD COLOMBO OCT 2022 – MAR 2023	(Intern Software Engineer)
<ul style="list-style-type: none">Partnered on dynamic React web pages, using state management and JavaScript to boost website leads by 15%.Designed SEO-optimized modern UIs, enhancing user experience and client satisfaction..Delivered high-quality features on schedule, collaborating with designers, developers, and product managers.Troubleshoot legacy software and rolled out new functionality, improving performance by 30%.Developed microservice-based Java (Spring Boot) backends, applying SOLID design principles and data-structure & algorithm best practices.	

Education

- **B.Sc. (Hons) in Software Engineering** - Cardiff Metropolitan University **Aug 2025**
 - **Concentrations:** Artificial Intelligence, Data Analytics & Software Development
 - **Related Coursework:** Advanced Programming, Information System Project Management, Professional and Ethical Issues in IT, Analytics and Business Intelligence, Computational Intelligence, Cyber Security, Software Engineering Dissertation Project
- **HND in Software Engineering and Computing** – National Institute of Business Management **July 2023**
 - **Concentrations:** Software Development and Database Development and Robotics
 - **Related Coursework:** Robotics, Data structure and algorithm, Enterprise Application 2, Advance Programming, Digital Image Processing, Data Warehouse and Mining, Mobile Application, IOT, Machine Learning and Artificial Intelligence, Software Security, CREST, Industrial Training, Effective communication Skills 2
- **Diploma in Software Engineering and Computing** – National Institute of Business Management **Aug 2022**
 - **Concentrations:** Advance Programing and Computer Network and Electronics
 - **Related Coursework:** Enterprise Application Development-1, Computer Science Fundamentals, Mathematics for Computing, Electronics and Computer Architecture, Object Oriented Programming, Database Management Computer Networks, GUI Application Development, Operating Systems, Modern Web, Business Solution Development Project
- **Certificate In Software Engineering**– National Institute of Business Management **July 2021**

Industrial Projects Highlight

- **AI/ML Integrated Fuel Efficiency Application (Ongoing)**
Developing a web app with a custom AI/ML model using Flask and React to deliver personalized experiences.
Tech Stack: Python, LLM, ML, Flask, Next, Typescript, MySQL, SOLID, Microservice
- **Smart-Co (pvt) ltd.** - <https://app.smartco.live/> | play store : [smartco](#)
Delivered a fully automated cross-platform software solution for SmartCo Pvt Ltd to manage customer transactions and internal operations, significantly enhancing efficiency and scalability.
Tech Stack: MERN, Payment Gateway(Paypal,KNET),Aggregation Framework, Socket.IO, MVC, Digital Ocean, MongoDB
- **Oran – AI-Enhanced Salon Management Platform** - <https://www.oranesalon.com/>
Developed a large-scale, **AI-powered** and **research-driven** salon management system targeting Europe and the Middle East.
Tech Stack: Python, LLM, ML, Flask, React, Typescript, SOLID, Microservice, Digital Ocean, MongoDB
- **Akira.lk** – <https://akira.lk/>
Built and launched a WordPress/WooCommerce e-commerce platform with custom plugin development and integration into third-party delivery software, streamlining order management and fulfillment.
Tech Stack: WordPress, MySQL, PHP, Digital Ocean
- **MiniStore.lk & LocalShop.lk**
Built and maintained two Laravel-based multi-tenant e-commerce platforms using PHP, MySQL, and Livewire—featuring dynamic store creation, product & order management, custom theming, SEO optimizations, and seamless payment & delivery integrations.
Tech Stack: Laravel, PHP, MySQL, Livewire, DigitalOcean

NON-RELATED REFEREES

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ACKNOWLEDGEMENT

I hereby certify that the above information is true and correct from the best of my knowledge



N.M. Sanan

