NATHAN MICHAEL WIJAYASEKARA

SOFTWARE ENGINEER

67, Kadawala Rd, Pannipitiya │ nathanwijayasekara@gmail.com │ 0777912856 │ LinkedIn │ Github │ Portfolio

A passionate Software Engineer eager to work on software development projects and continuously learn new technologies. Experienced in commercial application and website development, with hands-on experience in large-scale applications and microservices. Proficient in Typescript, Node.js, NestJS, and Go. A dedicated and adaptable learner, committed to delivering efficient and secure full stack solutions.

PROFESSIONAL EXPERIENCE

Macro Labs

Associate Software Engineer   **June 2024 - September 2025**

- Managed the entire implementation of a mobile application for News content across multiple platforms. Designed and oversaw the entire architecture and implementation of the mobile application.
- Implemented the mobile application using React Native with features for viewing news content from multiple platforms, book marking articles, receiving news alerts from user preferred platforms. Implemented the backend for the mobile application using Go Gin, used AWS Cloudfront as a caching strategy to reduce latency and improve performance on the app.
- Implemented a social media platform using a Microservice architecture using Nest Js and Go Gin for microservices. Implemented secure authentication service and API Gateway. Managed, designed and architected microservice backends.
- Initialized first GraphQL integrations with a federated GraphQL schema connecting across multiple GraphQl schemas within each micro-service.
- Implemented the backends for the News site's English platform with multiple dashboard layout for separate departments along with secure department specific role base authorization
- Played a major role during backend implementations and was active through out the agile process, ensuring that the requirements and UI were inline so that backend implementations could work with them seamlessly and securely.

Full Stack Developer Intern   **January 2024 - May 2024**

- Implemented the backends for a News site and it's dashboard to manage news articles. Implemented secure backends with role-based authorization. Ensured that backends and database schemas were inline with both requirements and the UI/UX approach.

TECHNICAL SKILLS

- **Backend**: Node.js, NestJS, Go Gin, Express.js
- **Frontend**: Next.js, React.js, React Native
- **Databases**: PostgreSQL, MySQL, DynamoDB
- **Cloud & DevOps**: AWS, GCP, Firebase, Docker, Kubernetes, Github Actions
- **Other**: GraphQL, Microservices, TailwindCSS, TypeScript, JavaScript, RESTful APIs

EDUCATION

BSc (Hons) Computer Science (Software Engineering)   **Sep 2023 - Aug 2024**
Kingston University
- Awarded Second Upper-Class Honours.

BCS (HEQ) Professional Diploma in IT   **Jan 2022 - Aug 2023**
British Computer Society
- Professional Diploma in IT
- Diploma in IT
- Certificate in IT

CERTIFICATIONS

AWS TECHNICAL ESSENTIALS   **MARCH 2025**

AWS CLOUD ESSENTIALS   **MARCH 2025**

INTRODUCTION TO KUBERNETES (LFS158)   **MARCH 2025**
Linux Foundation

PROFESSIONAL CERTIFICATE - HARVARDX   **JAN 2022**
Computer Science for Artificial Intelligence

PROFESSIONAL CERTIFICATE - HARVARDX   **OCT 2021**
Computer Science for Web Programming

CERTIFICATE - HARVARDX   **OCT 2021**
CS50x: CS50's Introduction to Computer
Science

PROJECTS

Nhance Recruitment - Applicant Tracking System   **2023 - Present**
Next Js | React Js | Typescript/Javascript | Express Js | Node Js | HTML/CSS | TailwindCSS

Designed and Implemented an applicant tracking system for Nhance Recruitment where they
can store candidate details and track where they stand in the recruitment pipeline.

Nhance Recruitment - Website   **2022 - Present**
Next Js | React Js | Typescript/Javascript | Express Js | Node Js | HTML/CSS | TailwindCSS

Design and Implemented the website for Nhance Recruitment where candidates can apply for
jobs posted by Nhance and where clients could reach out for services provided by Nhance
Recruitment

Canteen Ordering System   **2024**
Next Js | React Native | React Js | Typescript/Javascript | Nest Js | Express Js | Node Js | HTML/CSS | TailwindCSS

Designed and implemented a canteen ordering system where a canteen cans manage their
menus and their orders and also a canten ordering app built with React Native for customers to
view menus items and make orders/pre-orders for their desired meals.

Mr Iranga Muthuthanthri
Quality Engineering Manager
Wipro Melbourn
iranga@gmail.com
+61416241048

Mr Uditha Priyanga
Managing Director
ICTM Campus (Pvt) Ltd
upriyanga@gmail.com
+94 777538204