Nalaka Dinesh

Software Engineer Intern

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ABOUT

I am an enthusiastic Information Technology undergraduate who thrives on tackling challenges and finding creative solutions. I have a strong interest in software engineering and full stack development and I am seeking a software engineering internship where I can apply my time management and teamwork skills to contribute to collaborative projects and meet deadlines efficiently.

EDUCATION

University of Moratuwa - Sri Lanka   2023 – Present
Bachelor of Science (Hons) in Information Technology and Management | CGPA - 3.67 / 4.0

Badulla Central College - Sri Lanka   2013 – 2022
GCE Advanced Level – Commerce Stream | AAA | District 2 | Island - 44

PROJECTS

Fit Sixes Website – **University of Moratuwa, Faculty of IT's Largest Annual Sports Event**   live

- Contributed to the development of the official event website, fitsixes.com , which handled the entire team registration process for participants. The platform was designed to manage large-scale registrations efficiently, ensuring a smooth user experience for teams and organizers.

  Contribution:

  – Implemented **team registration features** with proper data validation to ensure a smooth participant experience and functionality for **document uploads** to securely handle required team files.
  – Created **automated PDF generation** for invoices and team cards to streamline event documentation.
  – Built and enhanced the **admin panel** for event organizers to:
    - Review and verify team details.
    - Check and approve uploaded documents.
    - Monitor registration progress in real time.

- **Technologies:** NextJs, Firebase, Supabase

KimbulaGO – **A Digital Platform for Sri Lankan "Chun Pan" Delivery System** (ongoing)   more / github

- Designed and developed a mobile application to digitize Sri Lanka's Chun Pan (mobile bakery) culture. The app enables customers to track nearby Chun Pan vehicles in real-time, mark their needs on a map and make cashless payments. On the driver side, the app provides demand heatmaps and order insights to optimize delivery routes and improve timeliness.
- **Technologies:** React Native, Spring Boot, Google Map APIs, PayHere

SpendWise – **Expense Tracking Application**   download / github

- Developed SpendWise, an expense-tracking application that enables users to collaboratively manage budgets and expenses with partners in real-time. The app integrates core money-management tools such as expense tracking, budget planning and savings goals, along with advanced features for trip and event planning — all within a single, easy-to-use platform.
- **Contribution:** Contributing to collaboration, transaction and budgeting modules and Google O auth based Sign-Up and Login.
- **Technologies:** React Native, NodeJs, ExpressJs, MongoDB

Kairo Holdings Website – **Freelancing Website for Company** live

- Designed and developed a responsive company website for Kairo Holdings to highlight their business profile, workforce solutions and ethical staffing services. Focused on clear structure, dark-themed aesthetics and strong brand consistency to build trust and visibility.
- **Contribution:** Designed and Developed Home Page ,About Us and Contact Us pages. Deployed on Vercel with a custom domain configured via Spaceship and is optimized for both performance and accessibility.
- **Technologies:** NextJs, Vercel

Firebase Connector – **Ballerina Connector for Connect Ballerina with firestore** github

- Developed a Ballerina connector that integrates Firestore, enabling secure CRUD operations via RESTful APIs using Firebase Authentication. This connector simplifies database interactions and can be reused by others, eliminating the need to write full REST API calls from scratch.
- **Pull Count:**11 | **Version** 1.1.0 | **Tryout:** Ballerina Central
- **Technologies:** Ballerina

CarPool – **Ride sharing app for Organizations(Collab with WSO2)** download / github

- Developed a centralized CarPool for organization, app that enables employees to share rides, book trips in real-time, track routes and communicate seamlessly, while providing administrators with oversight and reporting tools to optimize commuting efficiency and reduce costs.
- **Contribution:**

  - Served as the **team lead** responsible for backend development and deployment.
  - Developed **Ballerina RESTful APIs** for ride posting, booking and cancellation functionalities.
  - Integrated the system with a **Firestore database** for real-time data management.
  - Implemented validation for **work-related locations** to ensure accurate and secure ride operations.
  - Managed **backend deployment on the Choreo platform**, ensuring reliable and scalable service performance.

- **Technologies:** Flutter, NextJs, Ballerina, Google Map APIs, Choreo

TECHNICAL SKILLS

- **Programming Language**: C, C++, Java, Python, JavaScript, Ballerina
- **Frontend Development**: ReactJs, React Native, NextJs, Flutter, Tailwind CSS
- **Backend Development**: NodeJs, ExpressJs, SpringBoot
- **Databases**: MySQL, MongoDB, Firebase, PostgreSQL
- **Cloud and DevOps**: Choreo, Docker, Git, Github
- **Other tools and Software**: Figma, Canva

LICENSES & CERTIFICATIONS

- **The Complete 2024 Web Development Bootcamp** – Udemy Credential
- **Python for Beginners** – Open Learning Platform | UOM Credential
- **Web Design for Beginners** – Open Learning Platform | UOM Credential

REFERENCES

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