RIDMIKA SANKALPANEE (Software Engineer)

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PROFESSIONAL SUMMARY

Experienced in developing and scaling SaaS applications using Angular, React, TypeScript, .NET Core, and C#. Skilled in building SPAs with RxJS, Angular Material, and React components, and designing robust RESTful APIs using ASP.NET Core and Entity Framework. Proficient in SQL Server, MongoDB, and full-cycle development in Agile/Scrum environments.

TECHNICAL SKILLS

- **Programming Languages:** JavaScript, TypeScript, Dart, C#, Java
- **Frontend Development:** Angular, React, Angular Material, RxJS
- **Backend Development:** .NET Core, Node.js, Express.js
- **Mobile Development:** Flutter, React Native
- **Databases:** MySQL, MongoDB, PostgreSQL
- **Tools & Methodologies:** Git, Azure DevOps, REST APIs, Agile/Scrum, CI/CD

WORK EXPERIENCE

Software Developer (Freelance) — July 2024 - Present
- Contributed to building and maintaining SaaS products and mobile applications as a freelance developer using Angular (TypeScript, RxJS), React, React Native, and Java.

Frontend Developer: Renewa Energies — Aug 2024 - Jun 2025
- Built and maintained a responsive inventory management system using Angular.
- Implemented state management, API integration, and dynamic UI components.
- Applied frontend best practices, enhancing problem-solving and collaboration skills.

Software Engineer (Intern): Azend Technologies. — Jan 2024 - July 2024
- Developed full-stack applications using Angular (TypeScript, RxJS) and .NET Core (C#), integrating RESTful APIs with Entity Framework.
- Worked in an Agile/Scrum environment, focusing on UI/UX, code optimization, and version control with Azure DevOps.

PROJECTS

- **Vehicle Service Management System (SaaS)**: Contributed to frontend development and API integration using Next.js and Java for a SaaS platform managing vehicle service workflows. **(https://pos.aurionx.lk)**
- **Vehicle Booking Website**: Built a fully responsive SPA in React for a real-time vehicle booking system with dynamic routing and state management. **(https://www.sunbeamcabs.com/)**
- **POS System (Desktop Application):** Developed core modules of a .NET-based desktop POS system handling sales, inventory, and customer management. **(https://github.com/orgs/CodXLk)**
- **Photographer Booking System:** Designed the frontend in Next.js for a web platform allowing users to browse, select, and book professional photographers. **(https://github.com/Ridd-dev/photographer_Booking)**
- **AI-Powered Code Summarization Model:** Engineered a machine learning model that extracts key concepts and code snippets to auto-summarize software engineering notes. **(Research project – pending publication)**

EDUCATION

B.Sc. (Hons) in Information Technology — 2021-2025
University of Moratuwa (CGPA - 3.12)

G.C.E Advanced Level : Bio-Science (English medium) — 2016-2018
Rathnawali Balika Vidyalaya Gampaha (A|A|C)

G.C.E Ordinary Level : (English medium) — 2015
Galahitiyawa Central College (9 A's)

REFERENCES

Mrs. Shalani Kutty
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(Lead Software Engineer, Azend Tech)
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