

NAVINDU RATHNAYAKA

Associate Software Engineer | Full-Stack Developer | .NET Developer

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PROFESSIONAL SUMMARY

Dedicated Software Engineer with a strong passion for problem-solving, software design, and development. Skilled in **.NET, C#, React, Angular, SQL, and cloud-native solutions**. Adept at collaborating with cross-functional teams to deliver scalable, high-quality software products. Experienced in both **enterprise systems (Project Management, HR, Case Management)** and **custom solutions (eCommerce, Web Applications, Mobile Apps)**.

WORK EXPERIENCE

Associate Software Engineer

Ilutechnologies Pvt Ltd, Badulla, Sri Lanka

February 2025 – Present

- Full Stack .NET & React Developer | specializing eCommerce Architect | DevOps Enthusiast Delivering Scalable Cloud-Native Solutions.
- Involved in DevOps and CI/CD practices to streamline deployment and improve efficiency.

Associate Software Engineer

Afisol Pvt Ltd, Colombo, Sri Lanka

September 2024 – December 2024

- Developed and maintained Project Management and HR systems using ASP.NET MVC, C#, and SQL Server.
- Improved data handling efficiency through stored procedures and Dapper.

Associate Software Engineer

MEDCUBE USA LLC, Colombo, Sri Lanka

May 2024 – August 2024

- Core team member in AeliusCase Legal Case Management System.
- Developed a fully functional CRUD Event Module using ASP.NET Core, C#, Entity Framework, and SQL Server.

Software Developer Intern

Technoplus Engineering, Colombo, Sri Lanka

January 2021 – April 2024

- Gained hands-on experience in C++, Java, and software project development.
- Transitioned from intern to first professional role, focusing on practical application of software engineering principles.

Freelance Website Developer

Remote

January 2021 – Present

- Delivered custom eCommerce websites using React, Angular, SQL, and .NET.
- Ensured scalability, performance, and user experience for small and medium business.

EDUCATION

BSc. (Hons) Software Engineering

University of Plymouth – Department of Computing Engineering, UK, Graduated: 2023

Certification & Training

- **Java Application Development – Certificate Course**
University of Uva Wellassa, Sri Lanka, July 2018 – February 2019
- **The Remote Training Engineer in Sri Lanka**
Ministry Of Economy, Trade and Industry (METI), Japan, Completed: 2023
- **Industry Preparation Training Program**
NSBM Green University, Sri Lanka, Completed: 2023

Schooling

- **Dharmadutha College – G.C.E A/L (Physical Science Stream) & G.C.E O/L**
Dharmadutha College, Badulla, Sri Lanka, Completed: 2018

Technical SKILLS

- Language & Frameworks: .NET, C#, MVC, JavaScript, TypeScript, React, Angular, Node.js, HTML, CSS
- Database & ORM: SQL, MongoDB, Entity Framework, Dapper, Stored Procedures
- Tools & DevOps: Azure, GitHub, Jira, Trello, API Development, CI/CD
- Other: jQuery, AJAX, JSON, Manual & Automation Testing, Unit of Work Pattern, Prompt Engineering (Software)





PROJECTS

- **Project Management & HR Based Projects** - Designed scalable enterprise solutions using ASP.NET, C#, JavaScript, MVC, SQL Server, Unit of Work pattern, Database first approach with optimized data access via Dapper & EF. Uses jQuery, AJAX, and JSON to create dynamic and responsive user interfaces.
- **AeliusCase(Event Module)** - Built CRUD Event Management module using **ASP.NET Core + SQL Server**, integrated with Angular for frontend with optimized data access via EF Core.
- **Final Project - Income Tax Web App** - MERN stack solution for tax collection automation.
- **Higher Education Web Application** - Mean Stack, individual project.
- **Portfolio & E-Commerce Website** – MEAN stack + .NET, showcasing full-stack expertise.
- **Hotel Booking system** – Backend developer (Java, SQL) & Team Lead (ASP.NET).
- **Hotel Reservation System** – Lead Project and developed admin part using ASP.NET.
- **Grocery Store Mobile App** – Built with Kotlin & Firebase.
- **Automated Security System (IOT) (Group)** – Developed with C++ for automated safety monitoring.

VOLUNTEERING & Leadership

- Member Of IEEE Student Branch NSBM Green University, Sri Lanka
- Member Of FOSS Community NSBM Green University, Sri Lanka

REFERENCE

- **Dr. Rasika Ranaweera** – Dean, Faculty of Computing, NSBM Green University
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- **Ms. Dulanjali Wijesekara** – Lecturer, Faculty of Computing, NSBM Green University
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