

Sasantha Prasangika Perera

Junior Software Engineer

SUMMARY

- Undergraduate in BSc Software Engineering at Cardiff Metropolitan University with hands-on experience in full stack web and API development.
- Proficient in C#, Java, PHP, ASP.NET Core, Entity Framework Core, React, and mobile development using Java/Kotlin and Android Studio.
- Developed multiple real-world projects including e-commerce platforms, veterinary management systems, and freelance service marketplaces using SQL Server, MySQL, and SQLite databases.
- Skilled in building responsive, user-friendly web applications and backend APIs following modern software development practices and version control with Git.
- Experience in end-to-end software development lifecycle, from requirement analysis to deployment, demonstrated through academic and freelance projects.

TECHNICAL SKILLS

Main Technical Skills	C/C++/C#, Java, Kotlin, PHP
Programming Languages	Java, Kotlin, PHP, TypeScript
Android Libraries and Tools	Android APIs, Kotlin
C++ Libraries and Tools	C/C++/C#
.NET Platform	Entity Framework
JavaScript Frameworks	Next.js, Node.js, React
Databases & Management Systems / ORM	MySQL, SQLite
UI Frameworks, Libraries, and Browsers	Bootstrap 4
SDK / API and Integrations	Android APIs
Web/App Servers, Middleware	Apache HTTP Server
Version Control	Git, Github Actions

WORK EXPERIENCE

Full Stack Developer - Ebenezer Double Edged Solutions Pvt Ltd (Ebenezer Double Edged Solutions Pvt Ltd Website)

Summary:

- Developed the full company website from scratch, creating a responsive and user-friendly design while implementing all backend functionality
- The website serves as the official online presence of Ebenezer Double Edged Solutions Pvt Ltd

Responsibilities:

- Designed and implemented the complete frontend and backend of the company website.
- Ensured responsive design for optimal user experience across devices.
- Managed backend functionality including database integration and server-side logic.

Technologies: HTML, CSS, JavaScript, PHP, SQL, Wamp Server

Full Stack Developer (Laboura – Freelance Service Marketplace Website)

Summary:

- Developed Laboura, a lightweight freelance services platform designed to connect clients with skilled labor professionals such as carpenters, painters, masons, and electricians
- The platform focuses on simplicity, fast access, and mobile-friendly usability, allowing users to quickly find services without account creation

Responsibilities:

- Designed and developed the full stack of the freelance marketplace platform.
- Implemented user-friendly interfaces and backend service logic.
- Ensured mobile-friendly and fast access to services.

Technologies: HTML, CSS, JavaScript, PHP, MySQL

Full Stack Developer (FitZone Fitness Center (Gym Management & Official Website))

Summary: Developed a complete gym management website for FitZone Fitness Center, including membership management, schedule tracking, and client interface to streamline gym operations and enhance customer experience.

Responsibilities:

- Built membership management and scheduling features.
- Developed client-facing interfaces for easy interaction.
- Handled backend integration and database management.

Technologies: HTML, CSS, JavaScript, PHP, SQL, Wamp Server



Full Stack Developer (The Gadget Hub System)

Summary: Developed a complete service-oriented e-commerce platform for The Gadget Hub, implementing backend API and frontend admin/customer interfaces to facilitate online sales and management.

Responsibilities:

- Implemented backend API using ASP.NET Core and Entity Framework Core.
- Developed frontend interfaces with React for both admin and customers.
- Managed MySQL database and server environment.

Technologies: C#, ASP.NET Core API, Entity Framework Core, React, MySQL, Wamp Server

Full Stack Developer (VetCare360 – Veterinary Clinic Management & Pet Care System)

Summary: Created a veterinary appointment and management system with backend API and integrated frontend to help local users book vet appointments easily and manage pet care efficiently.

Responsibilities:

- Developed backend API and frontend using ASP.NET Core MVC and Entity Framework Core.
- Implemented appointment booking and management features.
- Ensured seamless user experience for pet owners and clinic staff.

Technologies: C#, ASP.NET Core MVC, Entity Framework Core, Microsoft SQL Server, HTML, CSS, JavaScript

Full Stack Developer (Student Management System)

Summary: Built a comprehensive student management system to handle student data, course registration, and grades, facilitating academic administration.

Responsibilities:

- Developed frontend and backend components for managing student information.
- Implemented course registration and grade tracking functionalities.
- Managed database integration and server-side logic.

Technologies: HTML, CSS, JavaScript, PHP, SQL, Wamp Server

Full Stack Developer (Pharma E-Commerce Website)

Summary: Created an e-commerce platform for pharmaceutical products, including product listings, shopping cart, and backend integration to support online sales.

Responsibilities:

- Developed product listing and shopping cart features.
- Implemented backend integration for order processing.
- Ensured secure and user-friendly interface.

Technologies: HTML, CSS, JavaScript, PHP, SQL, Wamp Server



Full Stack Developer (LuxeVista Resort Mobile Application)

Summary: Developed a mobile application for LuxeVista Resort management, including booking, room tracking, and customer management functionalities to enhance guest services.

Responsibilities:

- Designed and implemented mobile app features for resort management.
- Handled booking and room tracking functionalities.
- Managed customer data and interactions within the app.

Technologies: Java, Kotlin, Android Studio, SQLite

EDUCATION

- **BSc Software Engineering at Cardiff Metropolitan University**
Undergraduate student in Software Engineering with hands-on experience in designing and building web applications.
Undergraduate
- **HD in Computing and Software Engineering at Cardiff Metropolitan University**

