Sahan Ranasingha

To work as a Software Developer and contribute to building efficient and reliable software solutions.

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WORK EXPERIENCE

Auxmen Consulting Ltd

Junior Web Developer   February 2023 - Present

- Developed and optimized WordPress websites for cross-browser compatibility and mobile responsiveness.
- Customized themes and plugins to meet specific client needs, enhancing functionality and user experience.
- Enhanced website performance through SEO optimization and speed enhancements.
- Collaborated with designers and marketers for seamless integration of content and design.

EDUCATION

Sabaragamuwa University of Sri Lanka

B.Sc Computer Science & Technology   August 2022 - Present

PROJECT

GPA Calculator Software ↗   February 2024 - April 2024
- Developed a GPA Calculator software using Python, Tkinter, and Firebase, allowing students to manage courses, credits, and grades.
- The system features a user-friendly interface with dynamic course entry, data persistence through Firebase, and data visualization in a Treeview widget.
- This project enhanced my skills in GUI development, Firebase integration, and Python programming.

Library Management System ↗   January 2024 - Feb 2024
- Developed a Library Management System using C# (.NET) and SQL Server.
- Streamlined book management and user transactions with the system.
- Included secure user authentication in the system.
- Efficiently managed book catalogs with the system.
- Implemented an issue/return workflow in the system.
- Built a user-friendly interface with Windows Forms.
- Integrated SQL Server for reliable data storage and retrieval.
- Enhanced skills in software development, database management, and UI design.

SKILLS

- Proficient in Python, C#, and Java programming languages.
- Skilled in Object-Oriented Programming (OOP), Full Software Development Lifecycle (SDLC), and proficient in Problem Solving, Error Handling, Debugging, and Troubleshooting.
- Experienced in managing databases using Firebase (Real-time database), SQL Server, and MongoDB.
- Proficient in using Git, GitHub, and Firebase tools and platforms.

CERTIFICATE

Software Engineer ↗
- Certified in problem-solving, showcasing analytical skills and ability to approach complex issues.
- Proficient in SQL, with expertise in database management and querying.
- Skilled in REST API development, with ability to design and build efficient RESTful services.

Problem Solving 🔗
- Certified in foundational problem-solving skills
- Proficient in basic data structures: Arrays, Strings
- Knowledgeable in core algorithms: Sorting, Searching
- Demonstrates understanding of essential computer science concepts
- Able to approach algorithmic challenges with a strong theoretical and practical foundation