Susantha Perera

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3/64 Kurunduwatta road, Mirihana Kotte, 10100, Sri Jayawardenepura Kotte, Sri Lanka.

Software Engineer | Full Stack Developer | Programmer

Professional Summary

Passionate Software Engineer with 7+ years of experience developing frontend and backend systems. Skilled at writing clear, maintainable code that's easy to troubleshoot. Experienced in deploying software within cloud infrastructure. Comfortable working independently, remotely, or in-office, with a flexible approach to meet team and company needs. Proven ability to deliver effective technical solutions across diverse industries and technologies. Eager to grow my skills and contribute meaningfully to an organization.

Skills

Technical Skills: HTML, CSS, Bootstrap, JavaScript, React.js, Next.js, Node.js, NestJs, React Native, Android , Asp.net ,Python, C#,Java, MSSQL, MySQL/MariaDB, MongoDB, SQLite, RESTful APIs, SSRS, WebSocket, Chart.js, Git, NGINX,IIS, AWS, Docker, Prisma, Github Actions

Soft skills: Problem Solving, Team Collaboration, Self-guided in projects, fast learning

Industry Knowledge: HR Systems, Helpdesks, POS and Inventory, IoT system

Language: Sinhala, English

Professional Experience

Senior Software Engineer - FIDA Global

Feb. 2018 – CURRENT | Colombo, Sri Lanka

- Developed, maintained, and restructured the company's primary HR Management System, which is based on ASP.NET, C# and MSSQL.

- Developed applications by integrating devices such as biometric time attendance systems using SDKs and ensuring efficient data transmission by using C#.net.

- Developed a mobile attendance app using React Native that allows employees to mark their attendance from their location. The app integrates with the main HR system and is compatible with both iOS and Android platforms.

- Developed a Helpdesk system for internal use using React.js, Node.js, and MSSQL, integrating Socket.io to trigger messages and notifications. This system effectively handles and tracks client complaints and problems.

- Maintained and upgraded database, application and web servers (windows server), ensuring optimal performance and deploying essential services.

- Provided guidance and consultation to interns, supporting their development and integration.

- Experienced in leading and contributing throughout the full software development lifecycle, including requirements gathering, design, implementation, verification, and maintenance.

Freelancer
December 2016 – Feb. 2018

- Visited customer sites and gathering requirements and provided customized software solutions.

- Created my own POS and Inventory Products for Communication, Stationaries focusing on other similar general industries.

Software Engineer - IAS Solutions
01 Sep. 2014 - 30 Dec. 2016 | Colombo, Sri Lanka

- Led the development of a Complaint Management System for the CRM department at DSI Tyres.

- Designed and implemented a Payroll and Time Attendance System for the Big City Group of Companies.

- Developed desktop and web applications using C#.NET and ASP.NET, focusing on database design and optimization.

- Developed comprehensive POS and inventory management systems tailored for the retail industry, incorporating custom report designs using Microsoft RDLC.

- Designed user interfaces with WPF, Windows Forms, HTML, CSS (including Bootstrap), and JavaScript.

- Provided user support and handled system analysis and design tasks.

- Contributed to all phases of the software development lifecycle, from planning to deployment and maintenance.

Computer Technician - PC House
01 Jan. 2011 - 01 Dec. 2012 | Colombo, Sri Lanka

- Specialized in repairing and maintaining desktop and laptop computers, and performing software installations.

Video Editor – Prasanga Video
01 Nov. 2006 - 01 Aug. 2010 | Dehiwala - Mount Lavinia, Sri Lanka

- Proficiently edited videos using Adobe Premiere Pro and After Effects.

Education

Bachelor of Information Technology - University of Colombo School of Computing
01 Jan. 2012 - 01 Feb. 2016 | UCSC Building Complex, 35 Reid Ave, Colombo, Sri Lanka
https://www.bit.lk

Diploma in Web Development - ESoft Metro Campus
01 Nov. 2013 - 01 May 2014 | No 03, De Fonseka Place, Colombo, Sri Lanka
https://esoft.lk

Diploma in Software Engineering - ESoft Metro Campus
01 Aug. 2012 - 01 Feb. 2013 | No 03, De Fonseka Place, Colombo, Sri Lanka
https://esoft.lk

Foundation in Information Technology - University of Colombo School of Computing
01 Dec. 2010 - 01 Aug. 2011 | UCSC Building Complex, 35 Reid Ave, Colombo, Sri Lanka
https://www.bit.lk

Top Individual Projects:

- **Cloud POS and Inventory:** Designed and developed a cloud-based POS and inventory management system accessible from any device and location, enhancing operational flexibility (Technologies: React.js, Node.js, MariaDB, AWS, NGINX, Chart.js).

- **Energy meter system:** Designed and developed an IoT-based energy meter app that measures data from IoT devices, focusing primarily on backend architecture while also guiding frontend development (Technologies: React.js, Node.js, MSSQL, MongoDB, WebSocket,).

- **Helpdesk system:** Designed and developed a comprehensive Helpdesk system to manage client issues and tickets, improving operational oversight and supporting data-driven decision-making (Technologies: React.js, Node.js, MSSQL, WebSocket, Chart.js).

- **HR Self-Service Portal Mobile App:** Designed and developed a comprehensive HR self-service portal app that enables employees to mark their attendance by retrieving their geo-location and displaying it on Google Maps. The app is compatible with both iOS and Android platforms (Technologies: React Native, SQLite).

Hobbies and Interests

Explore new things on Web | Following online lessons | Playing drums | Playing Guitars

Reference

Mr. Andrew Perera (Manager Sales)
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