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Professional Summary

Experienced Full-Stack Software Developer with over 7 years of expertise in designing, developing, and deploying desktop, mobile, and web applications. Passionate about continuous learning and staying updated. Seeking an opportunity in a collaborative and growth-oriented environment.

Skills

Languages: C#, JavaScript

Libraries and Frameworks: Node.js, React.js, React Native, ASP.NET, WPF

Frontend: HTML5, CSS3, Bootstrap, Tailwind CSS

Database: MSSQL, MySQL/MariaDB, MongoDB, SQLite.

DevOps & Cloud: AWS, Docker, IIS, NGINX

Other: Git, RESTful APIs, Socket.io

Language: Sinhala, English

Soft Skills: Teamwork, Adaptability, Self-Motivated

Professional Experience

Senior Software Engineer @ FIDA Global | Feb. 2018 – July 2025

- Led full-stack development of an IoT energy meter platform using React and Node.js; integrated Socket.io and MQTT protocols for real-time data streaming and visualization, utilizing MSSQL and MongoDB for databases.
- Rebuilt a large HR system (built on ASP.NET and C#) by breaking it down into independent, manageable tiers and components, significantly improving system flexibility and stability, which cut development time by approximately 60% and enhancing system efficiency and security
- Designed and developed utility applications to automate business processes, including custom bulk email tools using **C#.net**, backup compression solutions, and secure data transfer systems between database servers.
- Designed and developed a custom helpdesk ticketing system with React.js, Node.js, and MSSQL to streamline complaint management. Enhanced staff efficiency by approximately **40%** and simplified complaint analysis for better decision-making
- Administering and deploying systems on Windows and Linux (Ubuntu) servers

Software Engineer @ IAS Solutions | 01 Sep. 2014 - 30 Dec. 2016

- Developed small-scale systems as a full-stack developer.
- Worked with team members and led the team on various projects
- Provided technical solutions for challenges as they arose.

Other Top Projects

- **Cloud POS and Inventory:** Developed a cloud-based POS and inventory management system with a single backend and multi-client support | React.js, Redux, Node.js, MariaDB.
- **Energy meter IOT based system:** Developed an IoT-based energy metering system for tracking energy consumption and cost calculation based on tariffs, and showing real-time consumption data on a dashboard. Built with two microservices for device data storage and system logic. / React.js, Node.js, MSSQL, MongoDB.
- **POS and Inventory System (Desktop):** Developed a POS and inventory management system using C#.NET and WPF, designed for use in stationery, grocery, and retail industries. | C#.net, WPF, MSSQL, Crystal Reports.

Education

Bachelor of Information Technology | University of Colombo School of Computing

Jan. 2012 - Feb. 2016 | <https://www.bit.lk>

Diploma in Web Development | ESoft Metro Campus

Nov. 2013 - May 2014 | <https://esoft.lk>

Diploma in Software Engineering | ESoft Metro Campus

Aug. 2012 - Feb. 2013 | <https://esoft.lk>

Hobbies and Interests

Exploring new technologies | Traveling | Fitness (Gym workouts) | Music (Playing drums & Guitars)

Reference

Mr. Andrew Perera (Manager Sales)

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