


# SUSANTHA PERERA

## Software Engineer

 Mobile : (+94) 771147484

 LinkedIn: [Linkedin-susantha-perera](https://www.linkedin.com/in/susantha-perera)

 Github : [github-mskperera](https://github.com/mskperera)

 Email: spmskperera@gmail.com

### Professional Summary

Experienced Full-Stack Software Developer with over 7 years of expertise in designing, developing, and deploying desktop, mobile, and web-based solutions. Enthusiastic about continuous learning, staying updated with the latest technologies, and embracing innovative approaches. I am eager to contribute to a dynamic and collaborative team, particularly in a European work environment, where I can apply my skills and further develop professionally.

### Skills

**Languages:** C#, JavaScript, TypeScript

**Libraries and Frameworks:** Node.js, NestJs, ASP.NET, dotnet Framework, React.js, React Native, Next.js, WPF C#

**Web Development:** HTML5, CSS3, Bootstrap, Tailwind css, XML, JSON, Chart.js

**API Development:** RESTful APIs, Socket.io, MQTT

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

**DevOps & Cloud:** AWS, Windows Server, Docker, IIS, NGINX

**Operating System:** Ubuntu, Windows

**Language:** Sinhala, English

### Professional Experience

#### Senior Software Engineer @ FIDA Global | Feb. 2018 – CURRENT

- Refactored an HRIS system built with **ASP.NET** and **C#** into MVC architecture, migrating complex SQL queries to stored procedures, reducing redundancy, and improving maintainability. These enhancements cut development time by **approximately 60%** and optimized system efficiency
- Introduced **React.js**, **React Native**, and **Node.js** technologies for the new projects by highlighting their advantages. Additionally, I trained and mentored interns, contributing to the development of user-friendly, resource-efficient solutions that support the company's future growth.
- Designed and developed utility applications to automate business processes, including custom bulk email tools using **C#.net**, backup compression solutions, and secure database transfer systems.
- Designed and developed a custom helpdesk ticketing system with React.js, Node.js, and MSSQL to streamline complaint management, improve communication, and reduce costs by replacing third-party tools. Enhanced staff efficiency by **40%** and simplified complaint analysis for better decision-making
- Administering and deploying systems on Windows and Linux (Ubuntu) servers

## Freelancer | December 2016 – Feb. 2018

- Gained valuable experience by implementing POS and inventory systems using **C#.NET**, **WPF** technologies across various industries. These projects were completed while I was hired by a freelance professional.

## 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.

## Top Projects

- **Cloud POS and Inventory:** Developed a cloud-based POS and inventory management system with a single backend and multi-client support, utilizing React.js, Redux, Node.js, MariaDB, AWS, NGINX, Chart.js, Socket.io, and Restful APIs.
- **Energy meter IOT based system:** Developed an IoT-based energy metering system for consumption tracking and cost calculation based on dynamic tariffs, with real-time data processing and seamless cloud communication. Built with two microservices for device data and system logic, using React.js, Node.js, MSSQL, MongoDB, Socket.io, GCP, MQTT, and Restful APIs.
- **POS and Inventory System (Desktop):** Developed a robust POS and inventory management system using C#.NET and WPF, designed for use in stationery, grocery, and retail industries. *full-stack | 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, ideas, and discoveries | Traveling | Fitness (Gym workouts) | Music (Playing drums & Guitars)

## Reference

**Mr. Andrew Perera (Manager Sales)**

IAS Solution (Pvt) Ltd 87 D, Vijaya Kumarathunga  
Mawatha 00500 Colombo, Sri Lanka.

+94 77 592 7597

[anurudhperera@gmail.com](mailto:anurudhperera@gmail.com)

**Miss. Sachini Kariyawasam**

Lecturer cum Programme Manager  
ESOFT Metro Campus,  
No. 03, De Fonseka Place,  
Colombo 04, Sri Lanka.

+94 76 2 315 571

[sachini@esoft.lk](mailto:sachini@esoft.lk)