

Samanway S M

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Proficient Full Stack Developer with a diploma in Computer Engineering and IT Infrastructure, complemented by one year of experience in Arduino programming, Windows Forms, and MS SQL. Demonstrates strong creative and analytical skills with a proven ability to work independently. Skilled in full stack web development using Node.js, Express.js, and MongoDB. Adept at solving complex problems and delivering high-quality solutions.

WORK EXPERIENCE

Software Trainee Customised Technologies Pvt. Ltd. Developed controllers utilizing Arduino boards and programming for various applications. Collaborated with team members to troubleshoot and resolve issues, ensuring smooth functioning of hardware components. Utilized the Raspberry Pi platform, coding in Python and executing Linux commands for project implementations. Engaged in design and testing phases, ensuring compliance with specifications and requirements. Developed WinForms applications using C# in the .NET framework with MS SQL for database management.	Jun 2022 - May 2023 Bangalore,India
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EDUCATION

Full Stack Development Prototype	Aug 2023 - Sep 2024
Diploma in Computer Engineering & IT Infrastructure NTTF - Nettur Technical Training Foundation, Bangalore	Jul 2019 - Jul 2022 GPA: 82%
VHSE - Computer Science and Information Technology Govt Vocational Higher Secondary School, Chirakkara	Jun 2017 - Mar 2019 GPA: 69%

PROJECTS

Gym Management Application

Technologies Used: Node.js, Express.js, EJS, MongoDB, AJAX, Razorpay, WhatsApp Business API

Description: Developed a Gym Management System with features to manage trainers, clients, and membership packages. Integrated Razorpay Payment Gateway for secure online transactions and WhatsApp messaging for automated payment confirmations, package expiry alerts, reminders, and welcome messages. Implemented AJAX for real-time updates and smooth interaction between frontend and backend.

Pepper Castle - Restaurant Application

Technologies Used: Node.js, Express.js, MongoDB, HTML, CSS, JavaScript, Bootstrap, Ajax, Stripe

Description: Developed a restaurant application that enables users to browse menus, place orders, and manage reservations. Integrated with Stripe for secure payment processing and includes features like menu management and real-time order updates.

NOVANEX - E-Commerce Website

Technologies Used: Node.js, Express.js, MongoDB, HTML, CSS, JavaScript, Bootstrap, Ajax, Razorpay

Description: Designed and implemented a comprehensive e-commerce platform focusing on user experience and security. Features include user authentication, payment integration with Razorpay, and an admin dashboard for managing products, inventory, and orders. The application is hosted on AWS for scalability.

Weather Application

Technologies Used: Angular, TypeScript, MySQL, HTML, Tailwind CSS

Description: Developed a weather application that imports data from Excel files and checks it against a MySQL database to display weather details. Implemented role-based access with guards for secure authentication and created an admin interface for adding and deleting locations.

Task Manager

Technologies Used: Node.js, Express.js, MongoDB, jQuery, HTML, CSS, JavaScript, Bootstrap

Description: Created a robust task management application that allows users to efficiently manage tasks with comprehensive CRUD operations. Features include task categorization, prioritization, and user authentication for personalized access.

SKILLS

Programming Languages: JavaScript, TypeScript, C, Java, C#, Python

Web Technologies: Node.js, Express.js, Angular, Ajax, HTML, CSS, Bootstrap, Tailwind CSS

Databases: MongoDB, MS SQL, MySQL

Tools & Platforms: Git, GitHub, Figma, Postman, AWS, LINUX

Payment Gateways: Stripe, Razorpay

Messaging & Communication APIs: WhatsApp Business API, Twilio

Other Skills: REST API, OAuth, JWT, MVC Architecture, Arduino Programming, OOPs, Raspberry pi, Cloud Deployment

LANGUAGES

English • Malayalam