

B. Jayasuriya

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EDUCATION

DR M.G.R Educational and Research Institute

Bachelor of Technology in Computer Science and Engineering
CGPA 8.42

Maduravoyal, Chennai

2021 – 2025

Government Higher Secondary School Westmambalam

12 STD

Westmambalam, Chennai

2020 – 2021

Government Higher Secondary School Westmambalam

10 STD

Westmambalam, Chennai

2018 – 2019

INTERNSHIPS

FullStack Java Developer

July 2024

Various Tasks

- Developed a Stock Trading Simulation System with a responsive frontend using HTML5, CSS3, and JavaScript, and a robust backend with Java and Spring Boot. Integrated real-time stock market data and optimized database performance using PostgreSQL/MySQL. Enhanced user experience through a stylish and interactive interface..
- Developed a fully functional CRM system using Spring Boot, HTML, CSS, and JavaScript as part of an EazyByts internship. Implemented Spring Boot-based user authentication, real-time data visualization, and responsive design. Gained experience in full-stack development, API integration, and database management.

PROJECTS

Integrated Home Security System With Remote Monitoring | *Python, Javascript*

May 2024

- Developed a Comprehensive home Security System integrating, Remote monitoring technology, RFID Authentication
- Key components include camera modules, electromagnetic door locks, and RFID sensors controlled by a Raspberry Pi interface.
- The system activates upon detecting motion at the door, capturing images and sending message alerts via GSM SIM using GSMSIM module
- Remote access via smartphones enables live video streams, voice alerts, and system management.
- Practical testing demonstrated the system's effectiveness and reliability.

Comprehensive CRM System Development Using Spring Boot | *Spring Boot*

July 2024

- Developed a comprehensive CRM system with Spring Boot for backend services and HTML, CSS, and JavaScript for the front end
- Implemented secure user authentication and authorization using Spring Security
- Designed and integrated a responsive, real-time dashboard for visualizing sales data, task management, and customer support tickets
- Created RESTful APIs to enable dynamic client-server communication and ensured seamless data flow between front-end and back-end components
- Managed MySQL database for storing and retrieving customer information, sales records, tasks, and support tickets.

TECHNICAL SKILLS

Languages: Java, Python, C/C++, SQL, JavaScript

Frameworks:Angular, Spring Boot

Developer Tools: Git, Visual Studio, PyCharm, IntelliJ, Eclipse