

ESHA ABINAYA SREE M

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SUMMARY

Aspiring Information Technology graduate with hands-on experience in backend development, REST API engineering, database handling, and data analytics. Strong foundation in Java, JavaScript, Python, and SQL with experience in Node.js and full-stack development. Adept at debugging, clean coding, and collaborating in team environments. Seeking to contribute to high impact engineering teams.

EDUCATION

Francis Xavier Engineering College
B.Tech Information Technology - 80%
Sri Ramakrishna Matric Hr Sec School
Higher Secondary Education - 85 %

Tirunelveli, Tamilnadu, India
November 2022 - April 2026
Tenkasi, Tamilnadu, India
June 2021 - May 2022

SKILLS

Languages: C, Python, JavaScript, Java, Go
Backend: REST APIs, Node.js, Pandas, Microservices(Basics), Spring Boot(Basics)
Frontend: React.js, HTML, CSS ,Bootstrap
Tools & Technologies: Linux, VS code, Git
Databases: MySQL, PostgreSQL
CS Concepts: DSA, OOP, System Design Basics, Distributed Systems Basics
Software Engineering: Debugging, Clean Code, Testing, Large Codebases
Soft Skills: Communication, Analytical Thinking, Adaptability, Time Management, Debugging

WORK EXPERIENCE

Data Base Learning Intern

Eval Benches Technologies, Tuticorin | May 2024

- Wrote optimized SQL queries for reporting and data analysis.
- Designed normalized schemas and performance-tuned databases.
- Performed data cleansing, validation, and transformation using SQL & Excel.

Node.js Development Intern

Digisailor, Tirunelveli | July 2024

- Built RESTful APIs integrated with MySQL for CRUD operations.
- Developed backend logic using Node.js for data processing.
- Debugged performance issues and collaborated using Git & VS Code.

PROJECTS

Air Quality Forecasting System

- Real time air quality dashboard with forecasting models.

Tools: Python, Pandas, Matplotlib

Stock Price Prediction

- Machine learning model predicting stock trends using time series data

Tools: Python, Pandas, Scikit-learn

Path Finder-Wearable Tracker

- IoT safety wearable with GPS, obstacle detection, and emergency alerts.

Tools: GPS Module, Ultrasonic Sensors, Microcontroller (Arduino)

CERTIFICATIONS

- Python Development and Data Science (**Udemy**)
- Build a computer vision app with cognitive services (**Microsoft**)