

SASIPRABHA ARUMUGAM

Entry-Level Software Engineer | Web Development Enthusiast

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SUMMARY

Innovative Computer Science graduate turning ideas into functional, user-focused web applications. Skilled in Java, HTML, CSS, JavaScript, and MongoDB, with hackathon finalist experience and a proven record of delivering practical, high-impact solutions through teamwork and adaptability.

Education

B.E. Computer Science and Engineering

Muthayammal Engineering College, Rasipuram

2022 – Present | CGPA: 8.6 (Till 6th Semester)

Currently in 4th year

Higher Secondary Certificate (HSC) – 91.7%

Vivekananda Matric Higher Secondary School, Attur

Completed: 2022

Secondary School Leaving Certificate (SSLC) – 97%

Vivekananda Matric Higher Secondary School, Attur

Completed: 2020

Skills

Languages: Java, SQL, HTML, CSS, JavaScript

Databases: MongoDB, MySQL

Tools: Git, GitHub, Excel

Development: Web Application Development, API Integration

INTERNSHIPS AND PROJECTS

Emglitz Technologies(2023-2024)

- Developed and optimized Java-based applications, improving code efficiency by 20%.
- Created responsive web pages with HTML, CSS, and JavaScript, enhancing user experience and reducing load times.

AI-Powered Chatbot (Hackathon Finalist – India's Hackathon 2025)

- Developed a chatbot using **React.js**, **Express.js**, and **MongoDB**, integrated with **OpenAI API**.
- Led a 4-member team to the final round, collaborating in a new environment with diverse technologies.
- Built the front-end UI and partial backend integration; currently improving server-side functionality.

Student Management System (Ongoing)

- Building a web application to manage student performance, grading, and teacher remarks.
- Using **HTML**, **CSS**, **JavaScript**, **MySQL** for backend data storage.
- Designed database schema and implemented initial CRUD operations.

CERTIFICATIONS

Distributed System – NPTEL (July 2024 – September 2024)

Foundation of Cloud IoT Edge ML – NPTEL (February 2025 – April 2025)

Foundation Course on IR4.0 Technologies – NPTEL (March 2025 – April 2025)