

# SAIPRASATH B

Chennai, TamilNadu, India

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## SUMMARY

I am seeking a challenging role in computer science and engineering where I can apply my technical skills and problem-solving abilities. I aim to work on innovative projects that enhance my expertise in software development and system integration. My goal is to contribute effectively while continuously learning and growing in a dynamic environment.

## EDUCATION

**St. Joseph's Institute of Technology**, *Bachelors in Electronics and Communication Engineering*

Chennai, India

2022 - 2026

Cumulative GPA: 8.28/10.0

**St.Mary's Matriculation Higher Secondary School**, *Maths with Biology*

Chengalpattu, India

2020 - 2022

Percentage: SSLC 86.1 HSC 81.5

## WORK EXPERIENCE

**Brakes India Private Limited** [Link](#)

07/2024

- Expanded expertise in real-time machinery by studying the principles, operations, and design processes of systems utilized at Brakes India, enhancing understanding of complex infrastructure.
- Gained hands-on experience with CNC machines, testing equipment, and process automation used in brake manufacturing.
- Acquired in-depth knowledge of braking system manufacturing and software integration, focusing on machine-specific programs to enhance operational efficiency.

## SKILLS

Languages Java(Data Structures), Python,C++, C, SQL, HTML, CSS

Tools VS-Code,Git and GitHub, Eclipse, MySQL

Other Skills React.js,Node.js,Express,Mongo DB

## PROJECTS

**Price Comparison for Fashion Products**

11/2023 - 12/2023

- Description: A web app where users paste a fashion product URL (e.g., from Amazon), and the system fetches the same product's price from different platforms..
- Features: Scraping product details using Selenium, Dynamic product search & price comparison User dashboard with saved comparisons, Notifications when price drops
- Tech Stack: React, Node.js, Express, MongoDB, Selenium

**Blogging Platform**

06/2023 - 07/2023

- Description: Developed a full-stack blogging website that allows users to write, publish, and interact with blog posts.
- Key Features:CRUD Operations – Create, update, delete, and view blog posts,User Profiles – View author profiles and their posts

**Groceries Price Comparison Website**

08/2024

- Description: Developed a web application that allows users to compare grocery prices from multiple e-commerce platforms (Amazon Pantry, JioMart, BigBasket, etc.). The system fetches real-time product details using web scraping techniques and displays the best price.
- Key Features: Product Search & Scraping – Users can search for grocery items, and the system fetches prices from different websites. Cart Price Comparison – Users can add multiple items to a cart, and the system calculates the total cost across different platforms..
- Tech Stack: React.js, Node.js, Express.js, MongoDB, Selenium

## CERTIFICATES

Hardware Description Languages for FPGA Design - Coursera [Link](#)

Oct - 2023

Data Structures and Algorithms using Java - Infosys SpringBoot [Link](#)

July - 2024

AI/ML for Geodata Analysis [Link](#)

Oct - 2024

Data Analytics and Visualization Job Simulation - Forage [Link](#)

Oct - 2023

Introduction to Internet of Things - NPTEL [Link](#)

Jul-Oct 2023

Introduction to Industry 4.0 and Industrial Internet of Things - NPTEL [Link](#)

Aug-Sep 2024

## CODING EXPERIENCE

**LeetCode** - 200+ Problem's Solved – [Link](#)

2024

**SkillRack** - 1000+ Problem's Solved – [Link](#)

2024