

SRIRAM B

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EDUCATION

CIT ENGINEERGG COLLEGE

2024-2028

BE COMPUTER SCIENCE

CGPA:9.62

VELAMMAL VIDHYASHRAM CBSE

Grad-2024

HIGHER SECONDARY (CLASS-XII)

PERCENTAGE:95.6

EXPERIENCE

GOOGLE CLOUD-GENERATIVE AI VIRTUAL INTENSHP

APR 2025- JUN 2025

- Developed production-ready AI models including:
- Image captioning system (Transformer) achieving 92% accuracy .Fine-tuned BART model with 15% improved coherence
- Optimized vector search performance by 25% using cosine similarity .Reduced model training time 30% via Vertex AI prompt engineering

CODING INSTRUCTOR

MAY 2025- JUN 2025

- Taught *web development basics* to juniors during semester breaks.
- Covered *HTML/CSS layouts, JS interactivity, and API integration* (e.g., fetching data).
 - Guided peers in deploying projects via *GitHub Pages* and *Supabase*.

PROJECTS

LOCO TALES (Live Link)

HTML,CSS, JavaScript, Bootstrap, Web Speech API, OpenStreetMap, Google Places API, Wikipedia API

Built an interactive tour guide platform for Indian cities using OpenStreetMap APIs, Google Places API, and Wikipedia API for real-time place discovery. Implemented dynamic filtering of nearby attractions, hotels, restaurants, shopping areas, and museums within a 10km radius.

Integrated Web Speech API to provide audio descriptions for each place with play/pause/stop controls. Designed a fully responsive UI with interactive features like “Locate” (opens Google Maps) and “Listen” (text-to-speech).

Online Bus Reservation System

Java, Spring Boot, Thymeleaf, HTML, CSS, SMTP (JavaMail), Maven

Built a web-based bus booking system using Spring Boot and Thymeleaf. Enabled users to view buses with predefined routes, seat availability, and enter booking details (name, gender, email). Integrated JavaMail to send automated confirmation emails with trip details. Designed a clean, responsive UI with dynamic seat updates and form validation.

Key features include:

- Dynamic seat tracking per bus
- Responsive form with validations using Thymeleaf
- Clean UI layout separating user input and bus information
- Integration of SMTP email service for real-time ticket confirmation
- Structured backend using Spring MVC and service-layer abstraction

SKILLS

PROGRAMMING

Advanced:

HTML • CSS • JavaScript • Python

Java • MongoDB • APIs • ReactJS • MySQL

Intermediate:

C++ • Node.js • ExpressJS • Spring Boot

COURSEWORK

UNDERGRADUATE

Data Structures and Algorithms
Operating Systems
Internet of Things
Object Oriented Programming

CERTIFICATES

- Java DSA Course – Master the Fundamentals and Beyond
- MongoDB Basics
- AWS CLOUD PRACTITIONER
- Introduction to Data Science
- Unlocking Power Of JavaScript

ACIEVEMENT

Leetcode:

Solved 300+ Problems over all concepts

Academics

Maintained a strong academic background with cgpa:9.62

Hackathon

- Shortlisted for 2 nd round in Flipkart Grid 7.0 Hackathon.
- Participated in Adobe Hackathon.
- Participated in Google Developers Agent AI Hackathon.