SRIRAM B

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EDUCATION

CIT ENGINEERG 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 INTENSHIP   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

1.Personal Portfolio (Link) 🔗
HTML/CSS/JS & Bootstrap

Designed and developed a fully responsive personal portfolio to showcase projects, technical skills, and contact information. Built using **HTML, CSS, JavaScript**, and **Bootstrap**, the site includes interactive UI elements, scroll-based animations, and smooth navigation to enhance user engagement and presentation.
Key features include:

 Custom responsive layout built with Bootstrap Grid and Flexbox for seamless device compatibility
 Scroll-triggered animations using CSS and JavaScript for dynamic UI interactions
 Project showcase section with modal previews and live links
 Mobile-first design ensuring clean accessibility across phones, tablets, and desktops
 Integrated contact form with smooth validations and feedback alerts

2.Product Store – MERN Stack E-commerce Platform(Link) 🔗
MongoDB, Express.js, React, Node.js, Mongoose, Vite, REST API, HTML, CSS, JavaScript, Bootstrap

Built a full-stack product management application using MongoDB, Express, React, and Node.js. Enabled users to create, view, and manage products with real-time storage using MongoDB Atlas. Developed RESTful API endpoints and integrated them with a modern React frontend built using Vite. Ensured smooth data flow, form validation, and responsive UI design.
Key features include:

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Full CRUD functionality for product data (name, description, price, image, etc.)
REST API integration between frontend and backend for real-time interaction
MongoDB Atlas storage with Mongoose schema models and database connection via environment variables
Responsive React UI built with Vite, featuring dynamic product list rendering
Node.js/Express backend with modular routing and middleware-based request handling

3.Online Bus Reservation System(Link) 🔗

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

4.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).

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
- Introduction to Data Science
- MongoDB Basics
- Unlocking Power Of JavaScript
- AWS CLOUD PRACTITIONER

ACIEVEMENT

Leetcode:
Solved 300+ Problems over all concepts

Acadamics
Maintained a strong acadamic 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 Agentic AI Hackathon.