Adithyaraj K

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EDUCATION

Sastra Deemed University | Thanjavur, India

2021-Present

B. Tech - Computer Science and Engineering

SBOA School and Junior College | Chennai, India

2007-2021

Physics, Chemistry, Biology, Mathematics

EXPERIENCES

TVS Sensing Solutions | Madurai, India

June 2024

Information Systems Intern

- Built a Python script to automate daily price graph generation and email distribution, replacing manual tasks.
- Consolidated and pre-processed procurement and sales data from multiple CSVs to create a clean, structured dataset for internal ML model training.

TECHNICAL SKILLS

Languages: Python, Java, C++, JavaScript, SQL, HTML, CSS

Frameworks & Libraries: React.js, Node.js, Express.js, JSP, Servlets

Databases & Backend: MySQL, MongoDB, Supabase, PostgreSQL, PgAdmin 4, AEM

Tools & Platforms: Git, VS Code, Vercel, Postman, GitHub

PROJECTS

1. Student Mess Application

- Built a full-stack web app for hostel students to view menus, rate meals, and leave filterable feedback by month and meal type.
- Managed 400+ daily API calls with real-time interaction using Supabase backend; tech stack included React.js, Node.js, CSS, deployed on Vercel.
- <u>Live Page</u>

2. LaundroFresh

- Built a web-based laundry management system to handle orders, payments, account tracking, and order history for users.
- Developed the frontend using HTML, CSS, and JavaScript, with data storage and retrieval handled through a MongoDB backend.

3. SponsorSnap

- Built SponsorSnap, a web extension using JavaScript that hides/highlights sponsored products on Amazon and Flipkart, improving user control and experience.
- Implemented real-time page monitoring and customizable per-site settings for seamless, privacy-focused ad management without tracking user data

CERTIFICATIONS

- Intro to PostgreSQL Databases with PgAdmin Udemy
- JDBC Servlets and JSP Java Web Development Fundamentals Udemy
- DevLaunch App Dev X Blockchain IITM CFI
- Supervised Machine Learning: Regression and Classification Coursera