




SUSHANTH B S

Software Developer

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About Me

Aspiring software developer with strong foundations in full-stack development, machine learning, and data analysis. Skilled in building web applications using React, Flask, and Python. Demonstrated ability to work in agile teams, solve real-world problems, and quickly adapt to new technologies.

Education

St Joseph Engineering College

B.E in Computer Science Engineering

- CGPA: 9.19

Mangaluru, India

Dec 2022 – Present

Vivekananda Pu College

Percentage: 95%

Puttur, India

May 2020 – April 2022

Work Experience

Machine Learning Intern

Acmegrade

Aug 2023 – Sep 2023

Remote

- Completed a virtual internship focused on core machine learning concepts and hands-on projects.
- Worked on projects involving data preprocessing, training ML models using Python (NumPy, Pandas, Scikit-learn)
- Developed an advanced CNN-based brain tumor detection system using TensorFlow/Keras with interactive Streamlit interface for MRI scan analysis and real-time visualization.

Projects

Splendz – Smart Expense Splitting, Simplified with AI. | *Next.js, Convex, Gemini AI* | github.com/PaySplit-AI

- Built a full-stack event planning and expense-sharing platform using Next.js, TypeScript, Convex, and Gemini AI for smart scheduling and venue recommendations.
- Implemented real-time data synchronization, automated debt simplification algorithms, and responsive UI with Clerk authentication and Resend email notifications.
- Developed serverless workflows using Inngest, analytics dashboard for expense visualization, and deployed on Vercel with optimized performance across all devices.

Product Store Application | *PERN Stack* | github.com/CrudStore

- Built a complete CRUD product store platform using PostgreSQL, Express.js, React, Node.js.
- Implemented Zustand for state management, rate limiting for API security, and bot detection with RESTful API endpoints for data operations.
- Utilized Git for version control and modularized development across frontend and backend.

Skills

Languages: Java, SQL, HTML, CSS, Javascript, Python, C, Typescript

Frameworks: React, Flask, Express.js, Node.js

Databases: MySQL, MongoDB, Postgres

Developer Tools: Git/GitHub, Google Cloud Platform, VS Code, Jupyter Notebook, Version Control, Postman API

Interpersonal Skills: Team-building, Leadership, Communication, Problem-Solving

Certifications, Trainings And Workshops

- Mern Stack Web Development, Micro-Certification Service now, Academic India Cohort, Postman API Fundamentals, AWS Cloud Practitioner Essentials.
- Achieved Top 15 in Hackfest'25 National Level Hackathon at NMAMIT Campus
- Shortlisted for the INFOTHON 4.0, National Level Hackathon at VVCE Campus
- Attended events related to UI/UX workshop, Dev Fest and AIML Workshops.