

Pala Sai Vamsi

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CAREER OBJECTIVE

Passionate Software Engineer skilled in full-stack development, AI-powered applications, and problem-solving. Strong foundation in Data Structures, Algorithms, and Machine Learning. Committed to building scalable, user-focused solutions.

EXPERIENCE

Frontend Intern – EDUNET

Jun 2024 – Aug 2024

- Developed a portfolio website showcasing projects.
- Gained experience in responsive web design and UI/UX optimization.

AI Researcher – Lightweight Facial Expression Recognition

Aug 2025 – Ongoing

- Building a lightweight model for real-time facial emotion detection.
- Preprocessed facial images by detecting and resizing faces.

PROJECTS

Credit Card Fraud Detection

- Built fraud detection models using Random Forest, XGBoost, and Autoencoders.
- Improved accuracy with ensemble techniques and pattern analysis.
- Evaluated performance using Precision, Recall, and F1-Score.

Task Manager Web App (MERN Stack)

- Developed a collaborative task app for managers to assign tasks and invite employees via email.
- Implemented task prioritization based on urgency and importance.
- Integrated real-time group chat for team collaboration.

AI-Powered Blog Website (MERN Stack)

- Built a blog platform with AI-generated post suggestions and writer assistance.
- Added AI-driven content moderation to detect spam/inappropriate text.
- Developed personalized blog recommendation system.

EDUCATION

SRM University AP B.Tech, Computer Science and Engineering

2022 – Present

Sasi Junior College MPC, Tanuku

2020 – 2022

Sri Chaitanya School SSC, Penugonda

2020

TECHNICAL SKILLS

Languages Python, Java, C++, JavaScript, PHP

Web Tech HTML, CSS, React.js, Node.js, Express.js, MongoDB, MySQL

Tools Git/GitHub, VS Code

Concepts Data Structures, Algorithms, OOPS

CERTIFICATIONS

- AWS Cloud Certification (Coursera)
- MongoDB Associate Developer
- Web Development – Codsoft