Satya Pujith Botuku

satyapoojith2@gmail.com | +91-9391994524 | GitHub | |Portfolio | LinkedIn

Education

Institute of Aeronautical Engineering, Hyderabad	Expected Graduation May 2027
B.Tech Computer Science and Engineering (Data Science)	GPA: 8.3/10
Narayana Junior College, Vijayawada	June 2023
Intermediate	Percentage: 92.7
Narayana High School, Ongole	March 2021
SSC	Percentage: 100.0

Technical Skills

Languages: JavaScript (ES6+), TypeScript, Python, Java, SQL

Front-End: React.js, Vue.js, Next.js 15, HTML5, CSS3, Tailwind CSS

Back-End: Node.js, Express.js, Mongoose, Flask, Laravel

Databases: MongoDB, MySQL, SQL Lite

Tools: Git, GitHub, Vite, XAMPP, Postman

Internships

Institute Of Aeronautical Engineering, Hyderabad, India — May 2025

Summer Research Intern

- Designed and built Smart HealthGuard, an AI-based DDI checker for underserved communities.
- Built with Flask, SQLite, Tailwind, and achieved 84% accuracy using Random Forest.
- Enhanced prediction pipeline using SMOTE, custom encoders, and RxNorm API

Projects

StudyAI: Intelligent Learning Ecosystem (GitHub) — Oct 2025

- Developed an AI-powered educational platform that create study plans with content, AI generated quizzes, enables group collaboration.
- Built using React, Node.js, and MongoDB with secure JWT authentication and real-time communication via Socket.IO.
- Integrated Google Gemini AI for content generation and 100ms + Jitsi Meet APIs for seamless dual video conferencing.

OJO: Wikipedia for Everyone's Journey (GitHub) — Sept 2025

- Developed an AI-powered platform that visualizes people's life journeys — from education to career milestones — creating a dynamic "Wikipedia for Everyone."
- Built using React 19 with Vite, TypeScript, and Tailwind CSS for an interactive and responsive frontend integrated with shadcn/ui components.
- Powered by Next.js and elastic search cloud on the backend, with Gemini AI for intelligent data synthesis from Google, LinkedIn, and GitHub APIs.

Carsor AI: Vehicle Diagnostics and Assistance Platform (GitHub) — July 2025

- Developed an AI-driven platform for Tata vehicles that diagnoses issues, assists users, and streamlines repair management.
- Built using Next.js and MongoDB with Gemini AI integration for voice, text, and image-based issue reporting through a RAG architecture.
- Implemented analytics dashboards, repair history tracking, and secure service provider access for real-time collaboration.

Certificates

Oracle Certified Professional, OCI Data Science - Oracle	Aug 2025
Data Analytics with Python - NPTEL	Jan–Apr 2025
Python for Data Science - NPTEL	Jul–Apr 2024
Google Analytics for Beginners - Google	Jul 2024
Oracle Certified Professional, OCI Generative AI - Oracle)	Aug 2024

Achievements

WebNova Hackathon 2025	Nov 2025
Secured 2nd place for developing StudyAI	
Techno Udbhav Hackathon 2025	Mar 2025
Secured 1st place for developing StarNova	
TCS Codevita Season 12	Feb 2025
Achieved Global Rank 1398 among 5lakh participants from 96 countries	
Zignasa Hackathon 2024	Dec 2024
Secured 2nd Runner-up for developing Fashion Fusion	

Forge Alumnus Service Codeathon

Secured 2nd Runner-up for developing StarNova in IIT Hyderabad

Coding Profiles

LeetCode : 250+ DSA Problems Solved

GeeksForGeeks : 300+ DSA Problems Solved