SIMMA SAI GANESH

📞 +91 8208244717
✉ 20saiganesh04@gmail.com
🔗 Github
🔗 Linkedin

EDUCATION

Gayatri Vidya Parishad College of Engineering   **Expected May-2026**

Bachelor of technology in Computer Science │ CGPA: **9.1** (Pursuing)

WORK EXPERIENCE

IPO Web Application – Bluestock Fintech

- Team Lead │ Django, PostgreSQL, REST API
- Led backend and database development for a production-grade IPO web app using **Django**, Django REST Framework, and PostgreSQL, delivering **15+ API** endpoints to serve real-time IPO data across Bluestock and client platforms.
- Designed scalable relational schemas and implemented secure **CRUD** operations for company, IPO, and document modules, improving data access speed by **40%** and enabling multi-platform integration.

PROJECTS

BiteBeacon

- Built a scalable full-stack web app using React (Vite), Node.js, Express, and MongoDB Atlas with multi-role dashboards and real-time food truck tracking via Google Maps API.
- Developed **10+** secure **RESTful APIs** with **JWT** auth and RBAC, enabling full **CRUD** operations across services.
- Integrated geolocation, filtering, and responsive UI to display **20+** trucks with **<200ms** latency across web and mobile.

AeroSynapse

- Developed a full-stack Flight Delay Prediction Web App using React, Node Js, and Machine Learning, achieved **84%** accuracy on a dataset of over **100,000 records**. Integrated model via **REST API** with real-time form inputs and responsive UI for desktop/mobile platforms.
- Engineered an end-to-end data pipeline including preprocessing, encoding, and training using **RandomForest** on **5+** features from live airport datasets. Saved model and transformers with **joblib** for optimized deployment and prediction speed.

TECHNICAL SKILLS

Programming Languages: Java, C++, Python, C, JavaScript, SQL
(Proficient in object-oriented programming and scalable software design)
Frontend: HTML, CSS, React.js
Backend and Database: Node JS, Express, PHP, MongoDB, MySQL, PostgreSQL
Web Tools: Linux, Unix, Git, GitHub, VS Code, Postman, Power Bi, RESTful APIs, Docker
Course Work: DSA, Machine Learning, Data Science, Computer Networks, Operating Systems, Database Management System, Object Oriented Programming.
Soft Skills: Team Collaboration, Leadership, Adaptability, Dependability, Agile

CERTIFICATIONS

- Databases and SQL for Data Science with Python- IBM │Coursera   March-2024
- Python for Data Science, AI and Development- IBM │Coursera   February-2024
- Data Engineering Virtual Internship- AWS │ AICTE   June-2024
- Frontend Web Developer │Infosys   March-2025

COMPETITIVE PROGRAMMING

- Solved **70+ problems** and achieved a peak **rating of 1862** on CodeChef.   LINK
- Solved **100+** problems and achieved a peak **rating of 1845** rating on Leetcode. LINK
- **1462** Rating on Codeforces   LINK

ACHIEVEMENTS

- Secured **2nd Place** in **GDG WOW 24 hour Hackathon**   LINK
  - Built a webapp "Borderless Safety" for travellers around the world