S Sarvesh Balaji

+91-7975588571 | sarveshbalaji26@gmail.com | Bengaluru, India | Linkedin | GitHub | GFG

EDUCATION

RNS Institute of Technology   Bengaluru, India
B.E. in CSE (Data Science); CGPA: 9.08 / 10   *Dec 2022 – Jun 2026*

EXPERIENCE

Samsung Innovation Campus – AI Trainee   Nov 2024 – Present
Samsung Electronics   *Bengaluru, India*
- Completed hands-on projects in Machine Learning, Computer Vision, and Natural Language Processing.
- Collaborated with peers on developing scalable AI-driven applications using Python and TensorFlow.

Summer Intern – C++ (Linux)   Jun 2025 – Jul 2025
Sasken Technologies   *Remote*
- Built a traffic light controller that adjusts signal timing based on simulated real-time vehicle density.
- Applied Object-Oriented Programming to create a modular design supporting future features like pedestrian or emergency signals.

PROJECTS

ChainDock | *React, Tailwind CSS, DaisyUI, ethers.js, @solana/web3.js, bitcoinjs-lib*   Aug 2025
- Built a browser-based multi-chain wallet for Ethereum, Solana, and Bitcoin with 12-word mnemonic import/creation.
- Implemented chain-specific send flows and confirmations, with resilient balance loading to handle partial API failures.
- Designed a responsive UI using React, Vite, Tailwind CSS, and DaisyUI for a seamless user experience.
- **Live Demo:** link   —   **GitHub:** link

AspirePath | *Python, MongoDB, Streamlit*   Apr 2025 – May 2025
- Built a career guidance app with resume parsing, skill quizzes, and AI-driven learning roadmaps.
- Enabled progress tracking, peer comparison, and dashboard visualization using Streamlit and Matplotlib.
- **GitHub:** link

Subjective Answer Evaluation System | *NLP, OCR, NLTK, Flask*   Sep 2024 – Jan 2025
- Built a web app for automated subjective answer scoring using OCR and NLP (TF-IDF, cosine similarity).
- Used Streamlit, Flask, and SpaCy for full-stack development and semantic analysis.
- **Live Demo:** link   —   **GitHub:** link

TECHNICAL SKILLS

Programming Languages: C, C++, Python, R, HTML, CSS, JavaScript, Solidity, SQL
Frameworks & Tools: React.js, Node.js, Tailwind CSS, LaTeX, Git, GitHub, API, Power BI, Tableau, Linux
Coursework: Data Structures and Algorithms, Operating Systems, Database Management System, Computer Networks, Natural Language Processing, Computer Architecture

CERTIFICATIONS

Data Science for Engineers — NPTEL   Apr 2025
Machine Learning with Python — IBM   Feb 2025
Azure Data Fundamentals — Microsoft   Dec 2024

ACHIEVEMENTS & EXTRA-CURRICULAR ACTIVITIES

Samsung Innovation Campus Selection – Selected among top **40** of **900** applicants for **AI training**.
Gold Medalist in Mathematics – Awarded for securing full marks in 1st semester.
Hobbies: Playing chess, cricket, watching movies.