RAHUL RAJ

Gurugram, Haryana, India

📞 +91-7428155930 ✉ rahulr7177@gmail.com in linkedin.com/rahulraj ⌨ github.com/rahul7177 🌐 portfolio/rahulraj

Education

Vellore Institute of Technology   **Sep 2021 – May 2025**
B.Tech in Computer Science and Engineering with spl. in AI and Robotics (GPA: 8.08)   *Chennai, India*
- Relevant Coursework: DSA, Object-Oriented Programming, Software Engineering, DBMS, Computer Networks

Technical Skills

Languages: C++, Java, Python, JavaScript, HTML, CSS
Web Technologies: React.js, Node.js, Express.js, Firebase, Bootstrap, Tailwind CSS
Databases: MongoDB, SQL, Firebase Realtime DB
Other Tools: Git, GitHub, VS Code, Postman, Google Maps API, Vercel, Figma

Experience

SpectoV Pvt. Ltd   **May 2024 – February 2025**
Full Stack Developer Intern   *Chennai, India*
- Optimized backend **RESTful APIs**, reducing average response time by **35%**, and enhanced frontend performance through **lazy loading** and **code splitting**, resulting in a **40% faster** page load time.
- Revamped the company website using **ReactJS** and **GSAP animations**, significantly enhancing **UI/UX** and contributing to a **65% increase in user impressions** and improved retention.
- **Led a team of 6** to develop a scalable internal **training portal**, streamlining technical onboarding and increasing course enrollments by **40%**, which contributed to a **20% rise in company revenue**.

Projects

Persona AI | *AI, NLP, Voice Cloning, MERN Stack, Flask*   **Live Demo | GitHub**
- Developed a personalized **AI digital twin assistant** using **NLP**, **OpenAI Whisper**, and **voice cloning**, achieving **88% accuracy** in mimicking user speech patterns.
- Integrated a **Flask backend** with a **Node.js** bridge and **React.js** based frontend to establish fast communication with the AI model, enabling highly **personalized and interactive user experience**.

Food Santa | *React.js, Firebase Auth, Firebase RTDB*   **Live Demo | GitHub**
- Built a food donation platform designed to create **social impact** by reducing food wastage and hunger, aligned with the **UN Sustainable Development Goals**.
- Implemented secure **Firebase Authentication**, integrated **Firebase Realtime Database** for live sync, and visualized donation locations using the **Google Maps API**.

Auto Vista | *React.js, Express.js, MongoDB*   **Live Demo | GitHub**
- Built an interactive virtual car showroom using **React.js** in collaboration with a **team of 5**, enabling users to **browse, filter, and search** cars across brands and specifications.
- Developed a scalable **RESTful API** with **Express.js** and **MongoDB**, and implemented a full **admin CRUD panel**, improving data handling efficiency by **40%**.

Certifications

- **Amazon Web Services (AWS)** – Cloud Practitioner   **View Certificate**
- **Google** – Foundations of User Experience (UX) Design   **View Certificate**
- **Ethnus** – MERN Stack Development   **View Certificate**

Achievements

- Selected among the **Top 10 Innovative Projects** at university level for the **Google Solution Challenge 2023** for building the Food Santa platform.
- **Finalist** at **HackOverflow Hackathon**, selected among top university teams for solving the problem of navigation among visually impaired people.
- **Finalist** at **HouseOfDevelopers Hackathon**, recognized for UX design and innovation.