

# Rajiv Ranjan

Github: [github.com/rjrajeev256](https://github.com/rjrajeev256)

Portfolio: <https://portfolio-github-io.onrender.com/>

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## Education

### Vellore Institute of Technology

Bachelor of Technology in Computer Science and engineering (GPA: 8.16 / 10)

Expected July 2025

Bhopal, Madhya Pradesh

## Technical Skills

**Languages:** C++, Python, SQL

**Frameworks:** React.js, Node.js, Express.js, Flask

**Tools:** Git, Postman, Docker, MongoDB, Jira, balsamiq

**Concepts:** Version Control, REST APIs Integration, Docker containerization, Agile Methodology, Responsive Design, AWS Concepts

## Projects

### AI-driven Trip Planner (Web Application) : (Github)

- **Project Description:** Developed a responsive web application to facilitate AI-driven trip planning, allowing users to create personalized trip itineraries based on their budget and duration.
- Integrated the Gemini API to dynamically generate trip plans by processing user budget and duration inputs.
- Employed Google Place API to fetch and display images of recommended places, enriching the trip plans with visual elements
- Utilized Firebase for secure user authentication and data storage, ensuring seamless user experience and reliable data persistence
- Implemented Context API for centralized and efficient state management across the web application, enhancing performance and user experience. **Technologies:** React.js, FireBase, Gemini API, OAuth, Google Place API

### Trading Chart | (GitHub)

- Integrated responsive charts with Bootstrap, increasing user engagement by 40% by allowing traders to access market data seamlessly on any device.
- Implemented candlestick and line charts with date selection to facilitate deeper analysis of historical data, improving trade decision accuracy and success rates
- Added personalized indicators that help traders adapt strategies to market fluctuations, leading to a 10% boost in trade performance through tailored insights.

**Technologies:** React.js, Flask, Restful APIs, Bootstrap, TradingView LightWeight Library

### Online Code Compiler : (Led a team)

- Led a team of four in building a full-stack Online Code Compiler, enabling users to write, compile, and execute code across multiple programming languages.
- Spearheaded the project, focusing on crafting a responsive frontend with React.js for an optimal user experience..
- Collaborated with backend developers to fuse the frontend with the real-time code execution service.
- Drove the adoption of Agile methodology, achieving a 30% increase in project delivery speed through effective sprint reviews and real-time feedback.
- Utilized JIRA for progress tracking and backlog management, streamlining workflows and enhancing efficiency.

## Internship

### LinkedIn AI-Reply chrome Extension

frontend developer, at Edunet Foundation

- Developed a Chrome extension using Plasmio and React.js to generate AI-powered replies for LinkedIn messages, aimed at improving user engagement and communication efficiency
- Utilized open-source AI APIs to analyze incoming LinkedIn messages and suggest personalized, contextually relevant replies.
- Employed Plasmio framework for efficient extension development, ensuring fast loading times and optimal performance.

## Achievements/Awards

- **Achievement:** Achieved a Certificate of Merit for being in the top 1 percentile, scoring 97.6 percentile in NaukriCampus Young Trunk contest, showcasing commitment to excellence in software development.(Certificate)
- **Coding:** Solved over 600+ coding questions & awarded 14+ badges on LeetCode, demonstrating expertise in Data structure and algorithmic and coding efficiency.(Leetcode)

## Position of Responsibility/Extra-curricular Activities

### Volunteer at Kawach Hackathon

- Coordinated event logistics, assisted participants, managed resources, and ensured smooth execution of the hackathon.

### Participant in Hackathon by Google Developer Groups

- Actively participated in the hackathon, collaborating with team members to develop innovative solutions.