

Rajiv Ranjan

Github: github.com/rjrajeev256

Portfolio: <https://portfoilo-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

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

Projects

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.
- Oversaw the entire development process while taking primary responsibility for frontend development, creating a responsive interface with React.js to ensure a seamless coding experience.
- Coordinated closely with backend developers to integrate the frontend with the real-time code execution service.
- Implemented Agile methodology, facilitating sprint reviews, tracking progress, gathering feedback, and ensuring timely feature delivery through effective team collaboration.

Price Alert App | (GitHub)

- Developed and managed RESTful API endpoints for creating, viewing, and deleting price alerts.
- Integrated WebSockets for real-time data fetching and notifications.
- Integrated Gmail SMTP for sending email notifications when alerts are triggered.
- Deployed the application using Docker, setting up a multi-container environment for the backend and database.

Technologies: Flask, RESTful APIs, MongoDB, JWT, Docker, Socket, Git

Trading Chart | (GitHub)

- Designed and integrated responsive charts using lightweight libraries and Bootstrap, allowing the application to work smoothly across different devices.
- Implemented a robust rating system evaluating movies on story, acting, comedy, adventure, animation, drama, and cinematography.
- Implemented multiple chart types like candlestick, line and a date selection feature for granular market trend analysis.
- Added custom indicators to enhance application versatility.

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

Internship

LinkedIn AI-Reply chrome Extension

frontend developer, at IBM skillsbuild

- 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:** Awarded a Certificate of Merit for being in the top 1 percentile, scoring 97.6 percentile in the Naukri Campus Young Trunk contest organized by Naukri.com.(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.