Rajat Rathore

Location: Kanpur, India

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SUMMARY

I am a self-taught programmer with a passion for solving complex problems. I have a strong understanding of **computer science fundamentals** and **software developement**. I am also a highly motivated and results-oriented individual who is always looking for **new challenges**. If you are looking for a programmer who can think outside the box and come up with **creative solutions** to your problems, then I am the person for you. I am confident that I can make a significant contribution to your team and help you achieve your goals.

EDUCATION

Harcourt Butler Technical University   Kanpur, UttarPradesh
Bachelor of Technology in Mechanical Engineering   *Dec 2021 – Aug 2025*

TECHNICAL SKILLS

Languages	:	C/C++, JavaScript, Python, SQL, HTML, CSS
Technologies	:	ReactJS, NodeJS, ExpressJS, Mongoose, MongoDB, Firebase, RESTAPIs, BootStrap
Dev Tools	:	Visual Studio Code, Git, Postman
Programming	:	Data Structures and Algorithms, OOP, Operating Systems, DBMS, Networks, Low Level Design

WORK EXPERIENCE

GirlScript Summer of Code   May 2023 – Present
Opensource Contributer   *Remote*

- Contributing to multiple open source projects in different technologies.
- Making significant contributions to the projects being working on.
- Received positive feedback from other developers for my contributions.
- Contributions can be seen from my github.

PERSONAL PROJECTS

Editor-Studio   *React.js, Node.js, Express Socket.IO,*   Source Code

- Designed and developed a clean and modern responsive website using resuable **React components.**
- Integrated it with the **Express server** for making requests to the server.
- Utilized **Socket.IO** to ensure realtime **bi-directional** communication between the client and server.
- Improved the **performance** and reduced **latency** by eliminating the need of periodic polling and sending the changes directly to the server.

Lets Blog it   *React.js, Node.js, Express, Material-UI, MongoDB, Mongoose*   Source Code

- A Mern Stack Blogging Website with CRUD features exposed using **RESTful** APIs made using Node.js.
- Implemented **JWT authentication**, which improved security and scalability.
- Users can search for different categories of blog and comment their reaction.

ACHIEVEMENTS AND CERTIFICATIONS

- Software Engineering Virtual Experience at JPMorgan Chase and Co.
- Postman API fundamentals Student Expert
- Google Cloud Career Practitioner - **Completed all 13 quests and labs within alloted time**
- Supervised Machine Learning: Regression and Classification by **Stanford Online**
- Solved 250+ coding problems on various platforms.
- Completed a session on Linkedin Learning platform **Nano Tips to Sharpen Your Critical Thinking with Shadé Zahrai**