

RISHABH PANDEY

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PROFILE SUMMARY

Highly motivated and detail-oriented B.Tech graduate with a strong foundation in C/C++, Python programming, and web development. Demonstrated ability to learn and apply new concepts quickly, as evidenced by successful completion of projects. Possesses good problem-solving analytical and communication skills. Eager to contribute to a dynamic team and grow professionally in a challenging and innovative environment

EDUCATION

JSS Academy of Technical Education, NOIDA

Bachelor of Technology in Electronics and Communication

2021 – 2025

Overall CGPA: 7.2/10

S.V.M Ram Bagh, Basti

10+2, Higher Secondary Education- CBSE

2019

Overall score: 80.80/100

S.V.M Ram Bagh, Basti

10, Secondary Education- CBSE

2017

Overall CGPA: 9.6/10

TECHNICAL SKILLS

Languages: C/C++, Python, JavaScript, HTML/CSS

Technologies/Frameworks: ReactJS ,NodeJS , ExpressJS , REST API , Bootstrap CSS

Developer Tools: Git/Github , VS Code, Postman , MS Excel

Database: SQL(My SQL) , MongoDB(Basic) , RDBMS Concepts, Cloud(Basics)

EXPERIENCE

Summer Intern

Indian Railway

July 2024 – Present

Gorakhpur, Uttar Pradesh

- Associated as a Summer Trainee in the **Signalling and Telecommunication** department in **Gorakhpur Junction Railway**
- Familiarity with railway signaling systems and protocols
- Understanding of telecommunication networks and systems
- Troubleshooting and problem-solving skills in a complex technical environment.

PROJECTS

Contact Manager | [🔗Project Link](#)

July 2024

- Developed a secure **RESTful API** fusing **Node JS** and **Express** providing endpoints for **CRUD** operations on contact data, with comprehensive data validation and error handling.
- Integrated **MongoDB** for efficient data storage and retrieval, leveraging Mongoose for schema management and optimizing queries for performance.
- Implemented **JWT** based authentication and authorization, ensuring secure access control and protecting sensitive user information, with thorough API testing and documentation using Postman.

WPM Type Master | [🔗Project Link](#)

May 2024

- Description:** Developed a typing speed test application using Python, measuring words per minute (WPM) and accuracy. The project showcases my skills in: Python programming and scripting , User interface design and implementation , Algorithm development for calculating WPM and accuracy , Error handling and debugging.
- Key Features:** User-friendly interface for typing test , Real-time calculation of WPM and accuracy , Display of results and statistics , options to save and load test results.
- Skills Demonstrated:** Python programming (language and libraries) , Problem-solving and algorithm development , User interface design and implementation , Debugging and testing.

CERTIFICATIONS

- Data Structures and Algorithms(C++)** (March 2023 - July 2023) | [Link to Certificate](#)
- C++ Language** (Jan 2023 - Feb 2023) | [Link to Certificate](#)