

HIMANSHU SINGH

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Summary

Highly skilled Full Stack Developer with extensive experience in building and maintaining complex web applications. Expertise in front-end and back-end technologies such as Node.js and Python, ensuring robust and scalable solutions. Strong understanding of database management, RESTful API development, and responsive design principles. Also skilled in Python, TensorFlow, and data analysis, with strong aptitude for solving complex problems. Known for logical approach and deep technical understanding.

Professional Experience

CyberSecurity Intern

Jun 2023 - Jul 2023

Excelerate, Remote

- During my internship, I gained valuable experience working with industry-leading software such as Wireshark, iftop, and nmap.
- I actively contributed to network security measures, played a crucial role in protecting sensitive data, identified potential vulnerabilities, and assisted in vulnerability assessments and penetration testing.

Education

Manipal University Jaipur,
Bachelor of Technology in Computer Science and Engineering,
GPA: 9.52
Jaipur

Expected Aug 2027

St. Paul's School
ISC
Class XII

Jan 2022

Skills

C++ | C | Java | TypeScript | Node.js | React.js | Tailwind CSS | PostgreSQL | MongoDB | Git | Github | Scikit-learn | XGBoost | HTML | CSS | Cuda programming | Machine learning | High Performance Computing | Python | Redis | RESTful APIs | TensorFlow | SHAP

Projects

CardiaLink, an AI-powered platform for multi-disease risk assessment, achieving **92% prediction accuracy** stratify users into risk tiers and enable dynamic insurance underwriting.

- Built a Flask-based real-time analytics pipeline, processing health data in **<200 ms** per request.
- Implemented a two-stage GridSearchCV hyperparameter tuning pipeline, reducing model development time by **40%** while optimizing for precision and recall in critical health risk categories.

Awards

- Secured 3rd Position in Swap Board organized by MUJ ACM Chapter.
- Awarded with Dean List in my 1st, 2nd and 3rd semester in my college for securing 9+ Gpa.