

SUMIT KUMAR

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OBJECTIVE

Aspiring software engineer with a solid background in, data structures algorithms (having solved over 300+ problems using C++), Python-based data analysis and full-stack web development (MERN). Looking for a chance to add my technical know-how, problem solving abilities, and teamwork to software projects that have an impact.

EDUCATION

B.Tech in Computer Science and Engineering (Data Science), Pranveer Singh Institute of Technology, Kanpur	Expected 2026
Kendriya Vidyalaya IIT Kanpur(CBSE)	(2022 12th standard)
Kendriya Vidyalaya IIT Kanpur(CBSE)	(2020 10th Standard)

SKILLS

Programming Languages:	C, C++, Python, JavaScript, SQL
Web Technologies:	HTML, CSS, React.js, Node.js, Express.js, MongoDB
Databases:	MongoDB, MySQL
Tools/Platforms:	Git, GitHub, VS Code, Jupyter Notebook, Power BI, Tableau, Google Cloud
Core Competencies:	Data Structures and Algorithms, REST APIs, Debugging, API Integration
Soft Skills:	Communication, Teamwork, Leadership, Critical Thinking, Time Management

PROJECTS

Doctor Appointment System ([Try it here](#))

Designed and developed a full-stack doctor appointment platform using React.js, Node.js, Express.js, and MongoDB. Implemented secure JWT-based authentication, real-time appointment booking, and role-specific dashboards for users and doctors. Ensured responsive design with Tailwind CSS and maintained modular code structure using Git and GitHub for version control.

Fake News Detection

Built a fake news detection system using Python, Flask, and machine learning algorithms like Logistic Regression with TF-IDF vectorization. Designed a web interface for real-time user input and predictions, and visualized data using Matplotlib and Seaborn. Applied NLP techniques for text pre-processing and ensured model accuracy through testing with Pytest and Unittest.

CERTIFICATIONS

- SQL (Advanced) – HackerRank [\[View Certificate\]](#)
- Python Programming – Infosys Springboard [\[View Certificate\]](#)
- Problem Solving (Intermediate) – HackerRank [\[View Certificate\]](#)
- Front-End Web Development(HTML, CSS, Bootstrap, React) – Infosys Springboard [\[View Certificate\]](#)
- Software Engineer Intern Certificate – [HackerRank] [\[View Certificate\]](#)
- A Crash Course in Data Science – Coursera [\[View Certificate\]](#)
- AWS Cloud Practitioner Essentials – AWS [\[View Certificate\]](#)
- IBM Generative AI Engineering Certificate – Coursera [\[View Certificate\]](#)

ACHIEVEMENTS

- Solved 300+ DSA problems on [LeetCode](#), [HackerRank](#), and [GeeksforGeeks](#).
- Participated in online hackathons hosted by HackerRank.
- Completed and deployed multiple full-stack MERN stack projects on [GitHub](#).
- Contributor on [GitHub](#) with well-documented project repositories.
- Member of IEEE Student Chapter; helped organize technical events and workshops.