

SOURAV KUMAR

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Education

Birla Institute of Technology, Ranchi <i>Master of Computer Applications (MCA)</i>	2024 – 2026 <i>CGPA: 7.6 / 10</i>
Guru Gobind Singh Indraprastha University, New Delhi <i>Bachelor of Computer Applications (BCA)</i>	2021 – 2024 <i>CGPA: 8.9 / 10</i>

Skills

Programming Languages: Java, Python, JavaScript, SQL
Frameworks & Libraries: React.js, Redux, Node.js, Express.js, Flask, Tailwind CSS
Databases & Tools: MySQL, PostgreSQL, MongoDB, Git, Postman, Firebase
Core Concepts: Data Structures & Algorithms, OOP Concepts, REST APIs, Authentication, Debugging
Soft Skills: Problem Solving, Analytical Thinking, Team Collaboration, Communication, Adaptability

Experience

SDE Intern	Dec 2025 – Jan 2026
<i>Bluestock Fintech (Remote)</i>	<i>Tech Stack: React, Tailwind CSS, PostgreSQL</i>
<ul style="list-style-type: none">– Designed responsive React UI modules for financial dashboards, improving user navigation by 25%.– Implemented real-time preview and state synchronization ensuring 100% data consistency across UI modules.– Integrated frontend components with RESTful APIs to store and retrieve user data reliably from the backend.– Delivered maintainable code within Agile sprints, contributing to peer code reviews and system documentation.	
SDE Intern	June 2025 – July 2025
<i>Armus Digital (Remote)</i>	<i>Tech Stack: React, Node.js, MongoDB</i>
<ul style="list-style-type: none">– Architected secure authentication flows and core business logic across backend and frontend layers.– Refactored frontend components using reusable patterns, reducing page load time by 25%.– Debugged and resolved complex full-stack issues, improving overall system stability and performance by 15%.– Collaborated with cross-functional teams in Agile sprints to deliver clean, maintainable, and testable code.	

Projects

AI-Powered Disease Prediction System	Tech Stack: Python, ML, React, Node.js
<i>Personal Project</i>	
<ul style="list-style-type: none">– Built and optimized machine learning models including Random Forest, Support Vector Machine, and Gaussian Naive Bayes for disease prediction, improving accuracy and reliability.– Developed a lightweight API bridge to integrate Python-based ML models with a Node.js/Express backend.– Delivered consistent and accurate disease predictions, improving reliability and user experience even under concurrent requests.	
AI Resume Builder	Tech Stack: React, Node.js, MongoDB
<i>Personal Project</i>	
<ul style="list-style-type: none">– Architected full-stack React and MongoDB application, designing intuitive UI layouts with real-time live preview that prioritized the customer experience.– Integrated Google Gemini AI and advanced prompt engineering to auto-generate content, showcasing ability to leverage modern technologies and improving content quality/user efficiency.– Implemented core features (PDF/DOCX export, instant preview, template customization), resulting in a 60% reduction in average resume creation time, demonstrating tangible impact and efficiency.	

Leadership & Achievements

- **Club Administrator, ALFA Coding Club, TIPS, Dwarka:** Directed all club operations for **50+** members, overseeing strategic meetings, technical workshops, and the annual induction process.
- **Core Organizer, TECH SAMAAROH, TIPS, Dwarka:** Managed planning and execution of a technical fest with **500+** participants.
- **Head Boy, Mount Assisi School:** Led a student body of **800+**, spearheading all major academic and cultural initiatives through strategic leadership.
- **Problem Solving:** Solved **150+** problems on LeetCode and GeeksforGeeks, demonstrating strong algorithmic skills.