

SOURAV KUMAR

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Education

Birla Institute of Technology, Ranchi

Master of Computer Applications (MCA)

2024 – 2026

CGPA: 7.6 / 10

Guru Gobind Singh Indraprastha University, New Delhi

Bachelor of Computer Applications (BCA)

2021 – 2024

CGPA: 8.9 / 10

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

Bluestock Fintech (Remote)

Tech Stack: React, Tailwind CSS, PostgreSQL

- 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

Armus Digital (Remote)

Tech Stack: React, Node.js, MongoDB

- 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 🔗

Personal Project

Tech Stack: Python, ML, React, Node.js

- 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 🔗

Personal Project

Tech Stack: React, Node.js, MongoDB

- 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.