

Sumit Kumar

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EDUCATION

National Institute of Technology, Hamirpur

Integrated B.Tech + M.Tech in Computer Science and Engineering

CGPA: 8.29 / 10

Hamirpur, Himachal Pradesh, India

Nov 2022 - July 2027 (Expected)

Relevant Coursework: Data Structures and Algorithms, Relational Database Management Systems, Computer Networks, Object-Oriented Programming, Operating Systems

Experience

SDE Intern (Flutter + Spring Boot)

May 2025 – Aug 2025

SCM-Software labs

- Built a **real-time Firebase messaging backend** enabling multi-service communication with **98% delivery success, 99.9% uptime**, and zero data loss.
- Engineered **real-time location tracking** (5m accuracy), reducing **delivery delays by 15 minutes** and increasing customer satisfaction by **10%**.
- Developed a **role-based admin system** managing **10,000+ products** and **500+ daily orders** with integrated earnings and payout tracking.
- Optimized performance by **reducing server load via batched APIs** and **improving app startup speed by 80%** using caching and isolates.

Projects

SocialSync - Social Media Management Platform

(GitHub)

Spring Boot, Flutter, PostgreSQL, JWT, OAuth2, Spring Security

Jan 2026 - Jan 2026

- Unified dashboard manages Facebook, Twitter, Instagram, LinkedIn accounts efficiently.
- Automated scheduling processes 1000+ weekly posts with 99.5% on-time delivery.
- Analytics engine aggregates engagement metrics, increasing content engagement by 35%.

SafeBase CLI- Database Backup Utility

(GitHub)

Java, Spring Boot, AWS S3, PostgreSQL/MySQL/MongoDB, CLI

Nov 2025 – Dec 2025

- Addressed inconsistent database backup processes by building a unified cross-platform CLI with standardized backup and restore workflows.
- Reduced storage consumption and backup duration through efficient full, incremental, and differential backup strategies.
- Mitigated data loss risks by enabling automated, secure, multi-cloud backup execution with compression and scheduling.

Money Manager – Personal Finance Tracker

(GitHub)

Spring Boot, React, Spring Security, PostgreSQL

Jun 2025 – July 2025

- Full-stack financial tracker categorizes **100%** income and expenses accurately.
- Optimized PostgreSQL schemas and real-time reports improve decisions by **30%**.
- Structured Excel exports increase offline transaction accessibility by **60%**.

Technical Skills

Languages: Java, Go, Python, JavaScript, Dart

Backend: Spring Boot, Node.js (Express), REST APIs, JWT, OAuth2, Microservices

Frontend/Mobile: Flutter, React.js, JSP

Databases: PostgreSQL, MySQL, MongoDB

Cloud & DevOps: Docker, AWS (S3), CI/CD, Git, GitHub, GitLab

Extracurricular

- Solved **550+ DSA problems** on **LeetCode** and **GeeksforGeeks**, strengthening algorithmic and problem-solving skills.
- Secured **Runner-up position among 100+ teams** in the internal round of **Smart India Hackathon 2024**.
- As a **Member, Robotics Society**, conducted **technical workshops** and participated in **robotics exhibitions and competitions**.
- Ranked among the **Top 5 teams** at **IIT Bombay Techfest Zonals**, qualifying for **Meshmerize (Line Follower Bot) Finals in October 2023**.
- Organized **RoboQuest** – Led a two-day workshop on building obstacle-avoiding robots, providing 500+ freshmen with hands-on robotics experience and strengthening their problem-solving and practical engineering skills.