

Saurabh Kumar

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OBJECTIVE

Passionate and detail-oriented Full-Stack Developer with hands-on experience in Flutter, Node.js (JavaScript/TypeScript), and modern backend technologies. Committed to continuous learning and delivering high-quality software that improves user experience and system efficiency.

SKILLS

- **Languages:** Python, C, C++, Java, Dart, JavaScript, TypeScript
- **Web Technologies:** HTML, CSS, Next.js
- **Frameworks & Libraries:** Flutter, Express.js, Hugging Face Transformers, PyTorch, TensorFlow
- **Backend & Cloud:** Node.js, Firebase, AWS (RDS, S3), IIS Server, PM2
- **Databases:** MongoDB, PostgreSQL, SQL, DB2
- **Tools & Platforms:** Git, GitHub Actions, Docker, Linux
- **AI & ML Tools:** Model fine-tuning, Prompt engineering, Dataset creation, LLM evaluation
- **Soft Skills:** Problem-Solving, Research Collaboration, Team Leadership, Active Listening

EXPERIENCE

IIT Ropar – Project Associate I

Oct 2025 – Present

- Training and fine-tuning LLMs, creating datasets, and evaluating model responses to improve performance and accuracy.

HBCH&RC New Chandigarh – Mobile App Developer

March 2024 – Oct 2025

- Developed a Flutter app for patients to access medical services.
- Built RESTful Node.js backend apps in both JS and TS, deployed on IIS Server.

PROJECTS

TMC Punjab Saarthi – Full-Stack Developer

Tech Stack: Flutter | Node.js | Express.js | DB2 | Firebase | JavaScript

- Built a mobile app for HBCH&RC Punjab patients to manage records and appointments.
- Created and deployed a backend on IIS Server with integration to hospital systems.

SelectSportss – Full-Stack Developer

Tech Stack: Flutter | Next.js | PostgreSQL | Firebase | AWS | S3 | Typescript

- Built a slot booking app for users to reserve football playtime and receive real-time updates.
- Developed an admin dashboard to manage slots, users, and assign hosts; integrated AWS S3 for media storage.

Waste2Wealth – Back-End Developer

Tech Stack: Node.js | Express | MongoDB | Next.js

- Built backend for a scrap management platform.
- Enabled real-time updates between vendors and customers.

EDUCATION

Masters of Computer Application (MCA) – Computer Science

Chandigarh University, Punjab | **8.03 CGPA** | 2022 – 2024

Bachelor of Computer Application (BCA) – Computer Science

Dr. B.R.A. Bihar University, Muzaffarpur | **80%** | 2018 – 2021

ACHIEVEMENTS

- **Project Expo (May 2023):** 3rd Place for *CU Buddi* – coursework tracker.
- **Talent Hunt (Oct 2023):** 3rd Place in n Talent Hunt Oct-23 WebDev by Uniford Foundation.
- **Project Expo (Nov 2023):** 2nd Place for *Waste2Wealth* – scrap selling platform.
- **Problem-Solving Round (Nov 2023):** 1st Place in event by GDSC, Chandigarh University.