Devansh Sharma

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EDUCATION

Jaypee Institute of Information Technology, Noida   **Expected: May 2026**
Bachelor of Technology in Computer Science and Engineering
GPA: 7.6/10

St. Peter's College, Agra — *Senior Secondary Education (Science Stream, ISC Board)*
Percentage: **97.5%**   **Graduated: 2022**

EXPERIENCE

Senior Mentor — SaarthiPath ↗   **May 2025 – Present**
- Mentored **50+** students in foundational programming and DSA through structured sessions.
- Designed tailored DSA roadmaps for **beginner to intermediate** learners.
- Provided **1-on-1** doubt-solving sessions over video calls for DSA and MERN stack queries.

Web Development Intern — Accretive Technologies ↗   **Oct 2024 – Dec 2024**
- Contributed to building **2 RESTful APIs** for internal service modules.
- Worked on backend logic for basic CRUD operations on a **MongoDB database with 500 records**.
- Wrote and reviewed **300+ lines of Node.js/Express code** in a collaborative Git workflow.

PROJECTS

jiitNutrition ↗   **Mar 2025 – Jun 2025**
Technologies: React.js, Node.js, Express.js, MongoDB Atlas, Pinecone, @xenova/transformers, Gemini API, Vercel, Railway
- Integrated **Nutritionix API** for accurate food nutrient data with a fallback mechanism using **Gemini API** for low-confidence items to ensure over 95% tracking accuracy.
- Utilized **Pinecone vector search** and **@xenova/transformers** embeddings to map **50+ local food names** (e.g., "Achar" → "Pickle") to standardized nutrition entries, improving query matching speed by **3x**.
- Engineered an OCR pipeline to extract meal data from **90+ JIIT mess timetables**, deployed via **Vercel** (frontend) and **Railway** (backend) using **MongoDB Atlas** for scalable, real-time storage.

jiitSimplified ↗   **Jan 2025 – Mar 2025**
Technologies: Next.js, Node.js, Express.js, MySQL, TypeScript, AWS S3, OAuth 2.0
- Developed a full-stack portal using **Next.js** and **TypeScript** to upload and retrieve JIIT PYQs.
- Designed REST APIs with **Express.js** and **MySQL (Sequelize)** to manage **500+ PYQs** by course and semester.
- Integrated **AWS S3** and **Multer** for upload and access of **100+ PDF/Doc files** with role-based control.
- Enabled login via **Google OAuth 2.0**, handling **30+ sessions** using **Passport.js**.

EduChat ↗   **Dec 2024 – Jan 2025**
Technologies: Node.js, Express.js, Socket.IO, Firebase (Firestore & Auth), Render
- Implemented a real-time chat app using **Express.js** and **Socket.IO**, supporting **10+ active chat rooms**.
- Used **Firebase Firestore** to persist **1,000+ messages** with user-specific access via **Firebase Auth**.
- Deployed both frontend and backend on **Render** for seamless real-time communication across test users.

ACHIEVEMENTS

- Ranked **807th/28,660** in LeetCode Weekly 434 and **810th/29,275** in Weekly 456
- Knight at **LeetCode** with max rating **1815**; Max Codeforces rating **1074**
- Solved 1000+ DSA problems across LeetCode, Codeforces, CodeChef, GFG

TECHNICAL SKILLS

Languages: C/C++, JavaScript, Python (Basic), Java (Basic)
Web Development: React.js, Node.js, Express.js, MySQL, PostgreSQL, MongoDB
Interests: Competitive Programming, Data Structures & Algorithms
Fundamentals: OOPS, DBMS, Operating Systems