

ISHAN JARWAL

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SUMMARY

Self-driven and detail-oriented 3rd year **Computer Science** undergraduate with a strong foundation in **C++**, **Python**, and modern web technologies. Proficient in building **robust backend** architectures using **Node.js**, **Express.js**, and **REST APIs**. Skilled in **TypeScript** and **Next.js** for full-stack application development, with a fundamental understanding of **Linux** environments.

- Passionate about building efficient, real-world systems using **REST APIs** and modern **web technologies**
- Strong grasp of **system design principles** and performance optimization
- Experience working across the stack with a focus on **clean, maintainable code**
- Actively exploring advancements in **Generative AI**, including tools like **LangChain** and **LangGraph**.
- Constantly evolving through hands-on learning and adapting to fast-changing tech landscapes.

EDUCATION

B.Tech CSE (CGPA : 9.29)

2023 - studying

JECRC University (Jaipur)

CBSE 12th (Score 90.20%)

2022

Mathematics + Science with Informatics Practices

PROJECTS

AI Resume Builder SaaS Application ([Live Link](#) | [Github Repo](#))

- Built a fully-featured **AI Resume Builder SaaS** using **Next.js**, **TypeScript**, **React Hook Form**, and **Prisma**, with support for **real-time customization**, **theme switching**, **10+ resume templates** and accepting recurring payments through **Stripe**
- Integrated **Gemini API** showcasing practical application of **Generative AI**
- Implemented advanced features like **auto-save with debounce**, **PDF export**, and **drag-and-drop** section reordering with **DND Kit**, enhancing both usability and performance
- **Clerk** for auth, **Zustand** for global state, and **ShadCN UI**
- Resumes created with this app consistently achieve **80+ ATS scores**, demonstrating real-world impact

PassportJS Authentication with OTP verification ([Live Link](#) | [Github Repo](#))

- Developed a **secure authentication system** using **Express.js**, **Passport.js**, and **MongoDB**, featuring access & refresh token handling with **OTP verification** and **JWT** for stateless management.
- **Bcrypt** for secure password hashing and **Google OAuth 2.0** for seamless third-party login
- Implemented token rotation, rate limiting, and input validation (with **Zod** and **express-validator**) to safeguard against brute-force and injection attacks
- Ensured modular and maintainable architecture enabling easy integration with any frontend

Sneaker Online Store (Admin Dashboard + Payment Gateway) ([Live Link](#) | [Github Repo](#))

- Developed a full-stack Sneaker **E-commerce Platform** with role based **admin dashboard**, implementing complete **inventory management**, including size, brand, category control, and stock tracking using **Express.js** and **MongoDB**
- Integrated **Razorpay payment gateway** and handled order creation and transactional safety
- Enabled multi image uploads via **Multer + Cloudinary**
- Ensured production readiness with **JWT-based authentication**, **bcrypt** for password hashing, and APIs supporting **real-world business logic**

SKILLS

CORE : C++ Python TypeScript JavaScript NodeJS ExpressJS NextJS ReactJS MongoDB Git

Other : React-Hook-Form Redux-Toolkit Zod Prisma Mongoose PassportJS Tailwind CSS Linux Fundamentals

LINKS

Portfolio : <https://jarwal.vercel.app>

LinkedIn : <https://linkedin.com/in/ishanjarwal>

Github : <https://github.com/ishanjarwal>

Leetcode : <https://leetcode.com/u/ishanjarwal>

X : <https://x.com/ishanjarwal>