JAYANT CHAUDHARY

Phone: +91 8218994504   Email: chaudharyjayant689@gmail.com

GitHub: jayant132004

EDUCATION

Dyal Singh College , University of Delhi   **2022 − 2026**
Bachelor of Science in Computer Science (Hons.)   **CGPA: 7.01**

- Focus on holistic development with core skills in web development, software engineering, object-oriented programming.

D.D.P.S BIJNOR UP 246701
Senior Secondary Education (Class XII)   **2021 − 2022**
Percentage: 77.8

D.D.P.S BIJNOR UP 246701
Secondary Education (Class X)   **2019 − 2020**
Percentage: 80.8

PROJECTS

AI SQL Query Generator :

- **TechStack :** React 19 (TypeScript), Python Flask, OpenAI API, Axios, SQLite, CSS3.
- Full-stack web application that generates intelligent SQL queries using OpenAI GPT based on ER diagrams and natural language.
- Users can upload ER structures and describe queries in plain English to generate optimized SQL in real-time.
- Features include ER diagram visualization, query history tracking, and modern UI with loading states.
- Secured with environment-based configuration, CORS, and input sanitization.
- Includes API endpoints for SQL generation and health check.

Career Roadmap Planner – Full Stack Application :

- **TechStack :** React 18 (Vite, Tailwind CSS), Node.js, Express.js, MongoDB, JWT, Nodemailer, bcryptjs.
- Modern full-stack web app that generates personalized learning roadmaps based on user goals and skills.
- Secure user authentication with JWT, email verification, password reset, and protected routes.
- Dynamically filters skills and provides relevant project suggestions and free learning resources.
- Supports career paths like Frontend, Backend, Full Stack, Data Science, and DevOps.
- Backend includes secure APIs with validation, rate limiting, Helmet headers, and error handling.

SKILLS AND INTERESTS

Technical: C++, Python, Data Structures, HTML, CSS, JavaScript, Flask, Django, React JS, SQL, MongoDB
Non-Technical: Teamwork, Flexible, Problem Solving, Content Creation
Languages Known: English, Hindi