



Anmol Aggarwal

Roll No.: 22112

B.Tech - Computer Science and Engineering

Indian Institute Of Information Technology, Una

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DSA Portfolio

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EDUCATION

Degree/Certificate	Institute/School	CGPA/Percentage	Year
B.Tech.	Indian Institute Of Information Technology, Una	7.98 (Current)	2022-Present
Senior Secondary	SNSPS, Yamuna Nagar(CBSE)	90.80%	2022
Secondary	SNSPS, Yamuna Nagar(CBSE)	95.80%	2020

EXPERIENCE

- PearlThought** May-2025 – June-2025
Full Stack Developer Intern
 - Developed a scalable **Doctor Appointment Website** using **NestJS (TypeScript)** and **PostgreSQL with TypeORM**, enabling seamless patient-doctor interaction.
 - Implemented **role-based authentication** for patients, doctors, and admins using **JWT**, ensuring secure and customized access control.
 - Built **RESTful APIs** and integrated them with a dynamic frontend (React/Next.js), optimizing performance and reducing load times by 30%.

PROJECTS

- Airline Backend System** Jan-2025 – March.-2025
Personal Project [GitHub Link](#)
 - Developed Node.js-based microservices architecture for airline management.
 - Integrated **RabbitMQ** for effective asynchronous communication between services.
 - Utilized **Sequelize ORM** for efficient database management and interaction.
- JobGenius** Mar-2025 – April.-2025
MERN Stack [GitHub Link](#)
 - Developed a full-stack job portal enabling recruiters to post job listings and applicants to search and apply efficiently.
 - Implemented **JWT-based authentication** to ensure secure user access.
 - Integrated **Cloudinary** for secure and efficient resume upload, enabling recruiters to access candidate profiles.
 - Optimized database queries in MongoDB.
 - Integrated a resume parsing feature to extract key candidate details automatically, enhancing recruiter efficiency.

TECHNICAL SKILLS

- Languages:** C, C++, HTML, CSS, JavaScript, SQL, NoSQL
- Developer Tools ::** VS Code, Google Collab, Git, Github, Docker, MySQL
- Technologies/Frameworks ::** AWS, MongoDB, NodeJS, ExpressJS, ReactJs, NextJs, NestJs, Fastify
- CS Core:** Database Management System, Operating System, Object Oriented Programming, Computer Network
- Soft Skills::** Leadership, Teamwork, Event Management

POSITIONS OF RESPONSIBILITY

- Content Head** of EIC (Entrepreneurship and Incubation Cell) at IIIT Una June-2024 – April 2025
- Technical Member** of EPMOC club at IIIT Una December-2023 – Present
- Executive Member** of FORCE at IIIT Una October-2023 – Present

ACHIEVEMENTS & EXTRACURRICULARS

- Secured **First Position** in **AlgoQuiz** conducted by **Algouniversity** at college level. 2024
- Among **Top 20** students in **Coding Contest** conducted by **Algouniversity** at college level. 2024
- Event Coordinator** in **Hackathon** conducted by **FORCE** club for Batch 2027 students which includes a participation of about 25 students. 2024
- Led a comprehensive coding competition, **Codestorm**, attracting participation from 45+ students 2023
- Won **Scavenger Hunt** at **MERAKI(TechFest)** in IIIT Una. 2023
- Solved over 800+ questions over platforms like **Leetcode**, **Codechef**, **Gfg**.
- 2 star** at **Codechef** Current Rating: 1445.