

Shubham Kumar

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PROFESSIONAL SUMMARY

Software Development Intern with experience in C/C++, DSA, Web Development, Git, SQL, Generative AI and Firebase. Built projects like a face recognition attendance system and a plant analysis tool. Focused on creating practical, impactful tech solutions.

WORK EXPERIENCE

Pearl Thoughts

Jul 2025 – Present

Backend Developer Intern

Developed a dynamic scheduling backend application from scratch, translating UI/UX wireframes into a flexible, multi-level session-and-slot model for doctors, which is dynamic and can be changed in real-time according to the priorities of doctors.

Technologies Used: Node.js, TypeScript, NestJS, TypeORM, PostgreSQL, REST APIs, JWT, Git.

CERTIFICATIONS

Full Stack Web Development With MERN STACK & GenAI

Udemy ID: UC-53b2208a-c290-4fa7-a2a1-b3ead23ff975

Completed a hands-on course covering full-stack development using MongoDB, Express.js, React.js, and Node.js. Gained practical experience integrating Generative AI tools into modern web applications.

Issued by Masynctech Coding School – June 2025

SKILLS

• C/C++ • Python • HTML/CSS • MERN Stack • SQL • TypeScript • PostgreSQL • Git/Github

PROJECTS

Face Recognition-Based Attendance System

Developed an AI-powered attendance system using face recognition in Python. This project aimed to automate and streamline the attendance process, reducing manual effort and saving time while ensuring accuracy and security.

Python libraries used: CNN, Face Recognition, OpenCV, Firebase.

Plant Analysis Tool

Developed an AI-powered web application that uses Gemini AI to identify plant species, diagnose health issues, provide personalized care recommendations and generate a PDF report from uploaded plant images.

Tools & Frameworks: HTML, CSS, JavaScript, ExpressJS, NPM, Gemini AI API

Live Project Link: <https://plant-analysis-tool-8b5f.onrender.com>

EDUCATION

Galgotias University

Graduation (B.Tech CSE)

CGPA 8.2

Sep 2021 – Jun 2025

Greater Noida, India

Hope Hall Foundation School

CBSE Class XII 78%

2021, New Delhi, India

Hope Hall Foundation School

CBSE Class X 83%

2019, New Delhi, India