

Lavish Jain

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CAREER OBJECTIVE

Full Stack Developer with experience in building scalable web applications, where I contributed to many full stack projects. I am skilled in frontend technologies like **React**, and **Next.js**, and backend technologies such as **Express.js** and **MongoDB**. Efficient team player with expertise in **Git/GitHub** and a strong focus on improving system performance, delivering high-quality solutions within deadlines.

COMPETENCIES

- **Programming Languages:** Java, C/C++, Python, JavaScript
- **Frontend Technologies:** HTML, CSS, React.js, Next.js
- **Backend Technologies:** Express.js, Node.js
- **Databases:** MySQL, PostgreSQL MongoDB
- **Tools:** Git, GitHub

ACADEMICS & OTHERS

Chitkara University

B. Tech, *Computer Science Engineering*

CGPA - 8.00

Rajpura, Punjab / India

September, 2022 - July, 2026

LANGUAGES: Hindi (Native), Punjabi (Native), English (Fluent)

RELEVANT COURSEWORK:

Operating Systems, Computer Networks, Database Management Systems, Data Structures and Algorithms, Source Code Management, Computer Architecture, System Design, Machine Learning

INTERESTS: Badminton

CERTIFICATION:

- Introduction to Python, *Coding Ninjas* September, 2022 - January, 2023
- Google Developer Group CUIET, *Utkarsh 2024* December, 2024
- Generative AI, *Google Cloud* October, 2024

PROJECTS

Project 1 — AutoBot

- AutoBot is a task management platform designed to address challenges in work assignment, resource analysis, and developer well-being. It simplifies task assignment, automates notifications, tracks progress, and utilizes AI for developer efficiency analysis.
- Designed a task assignment system to streamline the allocation of tasks as tickets to relevant developers. Integrated automated email notifications for real-time updates and implemented progress tracking to ensure timely completion of tasks.
- Used React with Vite for the frontend, Express.js with MVC architecture for the backend, and MongoDB for database management. Implemented features like file uploads using Multer, email notifications with NodeMailer, and JWT for secure authentication.
- <https://auto-bot-six.vercel.app/>

WORK EXPERIENCE

Goldman Sachs Software Engineering Virtual Experience Program on Forage

January, 2025

- Completed a job simulation as a Goldman Sachs governance analyst responsible for assessing IT security and suggesting improvements.
- Identified that the company was using an outdated password hashing algorithm by cracking passwords using Hashcat.
- Wrote a memo for my supervisor summarizing a range of proposed uplifts to increase the company's level of password protection including extending minimum password length and using a dedicated hashing algorithm.