

# Aavesh Maan

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## Professional Summary

B.Tech Computer Science and Engineering student with strong fundamentals in Python, Data Structures, and Object-Oriented Programming. Hands-on experience in building full-stack web applications using Flask, PostgreSQL, MongoDB, and RESTful APIs. Experienced in backend development, authentication systems, database integration, and production deployment. Seeking an entry-level Python Developer or Software Engineering Internship role.

## Technical Skills

**Languages:** Python, C

**Web Development:** Flask, HTML, CSS, JavaScript (AJAX)

**Databases:** PostgreSQL, MongoDB

**Core CS:** Data Structures, OOPS, DBMS, Operating Systems

**Tools & Platforms:** GitHub, VS Code, Render, Gunicorn, APScheduler

**Soft Skills:** Problem Solving, Communication, Teamwork, Adaptability

## Projects

### InstantShare – Secure Temporary File Sharing Platform

*Tech Stack: Python, Flask, PostgreSQL, JavaScript (AJAX), HTML, CSS, APScheduler, Gunicorn*

- Developed a full-stack web application for secure, anonymous, and temporary file sharing.
- Implemented multi-file upload with automatic ZIP generation and one-time download links.
- Integrated PostgreSQL database to track uploads, downloads, IP logging, and storage analytics.
- Built Admin Dashboard with authentication and real-time analytics (active files, storage usage, download statistics).
- Deployed the application on Render using Gunicorn with environment-based configuration.

### Expense Tracker – Full Stack Web Application

*Tech Stack: Python (Flask), HTML, CSS, JavaScript, MongoDB*

- Developed backend APIs for user authentication and expense management.
- Built responsive UI for adding, updating, deleting, and tracking expenses.
- Integrated MongoDB for secure storage of user and category-wise expense data.
- Implemented client-server communication using Fetch API and JSON.

## Education

### Bachelor of Technology (B.Tech) – Computer Science and Engineering

Expected 2027

Raj Kumar Goel Institute of Technology, Ghaziabad

CGPA: 7.2 / 10

## Training & Learning

- Self-learning in C++, Java, and advanced Web Development.
- Practiced backend development concepts, API integration, and debugging.
- Built mini projects to strengthen understanding of full-stack development.

## Certifications

- Scientific Computing with Python – FreeCodeCamp
- Build a Free Website with WordPress – Coursera
- Python Skill Up – GeeksForGeeks