

TULSI GUPTA

FULL STACK PYTHON DEVELOPER

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SUMMARY

A passionate and performance-driven Full Stack Python Developer with strong command over Data Structures & Algorithms, scalable web systems and clean backend architecture. Firmly rooted in Indian culture and inspired by divine principles, I bring together logic, devotion and innovation to craft software that serves purpose and performance.

TECHNICAL SKILLS

Languages: Python, JavaScript, C++, HTML, CSS, SQL **Database:** MySQL, MongoDB, PostgreSQL
DSA: Arrays, Linked Lists, Trees, Graphs, Dynamic Programming, Greedy, Backtracking **Tools:** Git, GitHub, Postman, VS Code, Linux Terminal
Frontend: React.js, Bootstrap, Tailwind, jQuery **Others:** REST APIs, JSON, Firebase, Algorithm Optimization
Backend: Django, Flask, Node.js, FastAPI

PROJECTS

Netflix Clone

A responsive UI clone of Netflix built using ReactJS and TMDB API. Integrated dynamic content rendering, movie previews, and user-friendly navigation for immersive experience.

CodeQuest – Quiz App

A full-stack Python-based quiz application designed to test programming skills. Features real-time score tracking, difficulty levels, and responsive UI using Flask and Bootstrap.

Chrome Extension – Productivity Booster

A custom Chrome extension that helps manage tasks, block distractions, and stay focused. Uses JavaScript, HTML, and Chrome APIs to offer reminders, timers, and customizable UI.

DevDiary – Blog App

A personal blog platform where users can create, edit, and delete posts. Built using Python (Flask), SQLite, and styled with modern CSS. Implements authentication and markdown support.

PROFESSIONAL EXPERIENCE

Full Stack Python Developer at AstraGenX Corporation

Aug 2024 - Present

- Founding member of AstraGenX since its inception as a hackathon team.
- Contributed to machine learning models, Python backend services, and dynamic front-end UIs.
- Played a key role in designing and deploying full-stack solutions.
- Actively involved in research, experimentation, and prototyping of new tech ideas.
- Continuously learning and adapting to new challenges in AI, ML, and full stack development.
- Currently serving as a core member, managing front-end projects and Python ML backends.

EDUCATION

Bachelor of Technology in Computer Science and Engineering

Aug 2023 - Jul 2027

Punjab Technical University

ADDITIONAL INFORMATION

- **Languages:** English, Hindi
- **Certifications:** Mindcluster Python Certificate, GreatLearning Web Designing Certificate
- **Awards/Activities:** NASA Space App Challenge (2024), NCC Army Wing C-Certificate with A-grade