

Salman Mehmood

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[GitHub](#) | [LinkedIn](#)

“Detail-oriented and passionate BSCS student (6th semester) at FAST NUCES with a strong foundation in Python-based backend development, machine learning, and real-time systems. Proficient in Django REST Framework and WebSocket integration, with hands-on experience building scalable backends for movie streaming and community platforms. Applied Python in coursework like Operating Systems, Computer Networks, and AI, and built intelligent tools such as an AI-powered web scraper using Ollama LLM and DeepSeek APIs. Comfortable with libraries like Pandas, NumPy, and scikit-learn. Runner-up in ACM Competitive Programming and SOFTEC finalist, blending analytical problem-solving with collaborative software engineering. Eager to grow in innovation-driven, Python-centric environments.”

EDUCATION

National University of Computer and Emerging Sciences (FAST NUCES)

Lahore, Pakistan

Bachelor of Science in Computer Science

2022 – Present

- Recognized for outstanding academic performance
- Relevant coursework: Data Structures & Algorithms, Database Systems, Software Engineering, Operating Systems, Computer Networks, Artificial Intelligence

SKILLS

Technical: Python, Django, Django REST Framework, WebSocket's, REST APIs, OOP, Pandas, NumPy, Scikit-learn, Web Scraping, LLM APIs (Ollama, DeepSeek)

Tools: Git & GitHub, VS Code, Firebase, PostgreSQL, MySQL, SQL Server, Jupyter Notebook, Cloudinary

CERTIFICATIONS

- Software Engineer Internship – Analyzinn Solutions (*Jul–Aug'24*) ([link](#))
- Python for Web & AI Development – Self-paced (Courses via YouTube, Documentation, and Practice Projects)
- Practical Django + REST Framework – Online Learning (2024)
- Intro to Data Analysis with Pandas & NumPy – Self-guided Practice

EXPERIENCE

Analyzinn Solutions

Remote, International

Software Engineer Intern

Jun 2024–Aug 2024

- Led a small team as **Second in Lead** in the development of a scalable React.js web application.
- Collaborated cross-functionally to implement responsive UI components and integrate REST APIs.
- Boosted rendering efficiency by 30% via component optimization and React hooks-based data handling.
- Contributed to code reviews, debugging, and version control using Git in a collaborative team environment.
- Recognized for exceptional performance, dedication, and problem-solving during the internship.

Independent Python Developer / Academic Projects

FAST NUCES

ACHIEVEMENTS

- **Runner-up** in ACM Competitive Programming Contest – received a trophy among top performers.
- **Finalist** in SOFTEC Competitive Programming – selected among 2000+ participants.
- **Certificate of Appreciation** for performance in Remote Internship at *Analyzinn Solutions*.

PROJECTS

Streamify – Movie & TV Streaming Platform

Nov 2024 – Dec 2024

- Developed a full-stack streaming platform supporting **real-time interactions** (posts, comments, likes/dislikes) using WebSocket's.
- Built an **admin dashboard** to manage content, monitor user activity, and moderate community discussions.
- Integrated **Cloudinary** for media uploads and **JWT-auth** for user management.
- **Stack:** Next.js, Django REST Framework, PostgreSQL, WebSocket, Cloudinary.

AI-Powered Resume Analyzer & Recruiter Dashboard

Feb 2025 – Mar 2025

- Created an **AI resume analyser** that parses candidate resumes using NLP and classifies them based on job-fit scores.
- Integrated **LLMs (DeepSeek, Ollama)** for intelligent suggestion generation tailored to job descriptions
- Built a **Recruiter/Admin interface** where HRs can:
 - View resume summaries and compatibility scores.
 - Leave suggestions for improvements.
 - **Select and shortlist** top candidates using a scoring system.
- **Stack:** Python, Django REST, Transformers (HuggingFace), LangChain, React.js.

AI-Powered Web Scraper with LLM Integration

Mar 2025 – Mar 2025

- Developed an **intelligent web scraper** using requests, BeautifulSoup, and Selenium to extract structured data from dynamic websites.
- Integrated **Ollama LLM** and **DeepSeek API** for contextual data parsing, categorization, and summarization of scraped content
- Added support for **custom prompt chaining**, allowing the scraper to auto-generate insights or summaries for scraped pages.
- **Stack:** Python, BeautifulSoup, Selenium, LangChain, Ollama, DeepSeek, Django REST Framework.