

Contact

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Top Skills

Node.js & Express.js
MongoDB
RESTful API Development

Certifications

Basics of Data Science
JavaScript Algorithms and Data
Structures
Build a computer vision app with
Azure Cognitive Services
Basics of Machine Learning
Algorithms
Python for Data Science

Saif Ullah Awan

Backend Developer Intern (Node.js) | Python & C++ Programmer
| IT Undergraduate at Air University | Building Secure & Scalable
Systems | Cloud & Cybersecurity Enthusiast
Islāmābād, Pakistan

Summary

As a passionate and detail-oriented IT undergraduate with a growing focus in Python development, I'm driven by curiosity, innovation, and continuous learning. Currently interning as a Python Developer at Technik Nest Pvt Ltd, I've gained hands-on experience in real-world project development, API integration, and data handling using Pandas and NumPy.

I thrive in collaborative environments and enjoy solving complex problems through clean, modular code. My strengths lie in my adaptability, willingness to take initiative, and a strong foundation in object-oriented programming.

Key Skills: Python | C++ | Data Analysis | REST APIs | Git

Current Focus: Enhancing my backend development, debugging, and project documentation skills

Future Goal: To contribute to impactful software solutions in the areas of full-stack development, AI, or cybersecurity

I believe in learning by doing and value mentorship, teamwork, and continuous growth.

Experience

Software Productivity Strategists, Inc. (SPS)

Backend Development Intern — SPS Internship at GreenKeyper

July 2025 - Present (6 months)

Islāmābād, Pakistan

As a Backend Development Intern at SPS (GreenKeyper), I played a key role in building and optimizing backend systems for a scalable environmental tracking platform. My primary duties included designing RESTful APIs with Node.js and Express, integrating MongoDB for efficient data storage, and ensuring secure user authentication and role-based access control. I

collaborated closely with frontend developers and QA teams in Agile sprints, successfully reducing API response times by 30% through optimized query handling and middleware restructuring. Additionally, I contributed to automated testing and helped maintain clean technical documentation, which improved onboarding efficiency for new developers.

Technik Nest Pvt Ltd

Python Developer

May 2025 - July 2025 (3 months)

C2 Building, 1st Floor FITP, PAF-IASST, Haripur

Major Duties:

Designed and implemented Python-based solutions for internal software projects.

Assisted in debugging, testing, and optimizing code for production-grade applications.

Collaborated with cross-functional teams under agile development practices.

Participated in code reviews and documented development processes.

Applied object-oriented programming and modular design principles.

Successes:

Successfully automated a data processing workflow, reducing execution time by 40%.

Contributed to a functional prototype within the first two weeks of onboarding.

Received positive feedback from mentors for code quality and problem-solving skills.

Key Projects:

Intern Management System (IMS): Built Python modules for managing tasks, timelines, and evaluations.

Data Cleaning Tool: Developed a script for cleaning and validating CSV data using Pandas and Regex.

API Integration Project: Implemented and tested RESTful API calls using requests and FastAPI.

Education

Air University

Bachelor of Science, Information Technology · (2023 - 2027)

Air Base Inter College Mushaf Sargodha

Intermediate in Computer Science (ICS), Computer Science · (August 2021 - July 2023)

Fazaia Inter College (FIC)

Matriculation , Matriculation · (January 2019 - January 2021)