

PROFILE

Developer with 1 year of experience in Azure DevOps, Kubernetes, Jenkins, Python, Django, Node.js, Selenium, and API development. Proficient in Python and database optimization, with a proven ability to build scalable solutions, enhance performance, and drive projects in Agile environments. Committed to continuous learning and emerging technologies.

PROJECTS [\(github.com/muhammadharoon26\)](https://github.com/muhammadharoon26)

- Feb 2025 - Feb 2025

Live Chat Support System

 - Engineered a real-time chat system using **Go** and **Gin Framework**, implementing **WebSocket communication** for instant messaging
 - Designed a multi-layer caching architecture using **Redis** and **SQLite**, optimizing message delivery and storage.
 - Implemented comprehensive security features including **JWT** authentication and **bcrypt** password hashing.
 - Developed a structured logging system using **Uber's Zap logger** for production-grade monitoring.
- Feb 2025 - Feb 2025

Task Manager API

 - Developed a **RESTful API** using **Node.js** and **Express**, implementing comprehensive **CRUD** operations for task management
 - Integrated **MongoDB** for data persistence and **Socket.IO** for real-time updates, ensuring seamless user experience
 - Implemented secure user authentication system using **JWT** and **bcrypt** for password hashing
 - Created extensive **test suites** for both authentication and task management functionalities
- Jan 2025 - Jan 2025

Tier3-DevOps-CICD-IAC-Project

 - Automated Testing (**pytest**)
 - CI/CD (**GitHub Actions**)
 - Containerization (**Docker**)
 - Monitoring (**Prometheus**)
 - Infrastructure as Code (**docker-compose**)

EMPLOYMENT HISTORY [\(linkedin.com/in/muhammadharoon26\)](https://www.linkedin.com/in/muhammadharoon26)

- Aug 2024 - Sep 2024

Python Development Intern, UCapacity

Islamabad

 - Built RESTful APIs using **Django** for seamless data integration.
 - Designed and tested advance database schemas, optimising storage and retrieval processes.
 - Implemented CI/CD pipeline using **GitHub Actions**, ensuring efficient development cycles.
- Jul 2024 - Sep 2024

Python Development Intern, Aiyyin Inc

Islamabad

 - Developed APIs using **FastAPI**, improving application performance and functionality.
 - Deployed and monitored web scraping projects on **Azure** cloud services.
 - Collaborated in an **Agile** team to optimise backend services for scalability and efficiency.
- Mar 2024 - Apr 2024

Cyber Defence and Network Security Intern, ThincsCorp

Remote

 - Utilized Oracle VM and **Wazuh SIEM** to create a secure network simulation environment.
 - Documented findings and recommendations for robust cybersecurity strategies.

SKILLS	Python	NodeJS
	Django Web Framework	Data Scraping
	Microsoft Azure	React
	RESTful APIs	Kubernetes
	Prometheus	Selenium
	Grafana	Golang

EDUCATION

- Sep 2022 - Jul 2026

Bachelor's in Computer Science, NUST BL Campus

Quetta