

MADEEHA TALIB

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INFORMATION TECHNOLOGY (IT)

Motivated IT graduate seeking an entry-level role to leverage skills in AI/ML, cybersecurity, and full-stack development. Proficient in Python, deep learning, and REST APIs; eager to contribute to innovative projects and grow within a dynamic technical team.

EXPERIENCE

Network Engineer Intern:

Sep 2024 – Nov 2024

Pakistan Aviation Authority (PAA)

- Assisted in network design for 20+ systems using Cisco Packet Tracer, improving diagram accuracy by 25%.
- Supported troubleshooting of LAN/WAN issues, reducing minor network outages by 15%.
- Maintained documentation and asset records for 50+ devices, enhancing tracking efficiency.

Operations Lead:

Sep 2025 - Present

Dev Quest Pk

- Oversaw IT operations for 10+ teams, ensuring 95% of technical issues resolved within SLAs.
- Coordinated with 5+ vendors, improving vendor response time by 20%.
- Maintained support logs, reducing repeat tickets by 30% through improved workflows.

Graphic Designer:

Mar 2024

Bahria University Computing and Innovation Society (BUCIS)

- Created 15+ visual assets, contributing to a 40% increase in event attendance.
- Enhanced unified brand designs, resulting in 25% higher engagement on digital platforms.

SKILLS:

Programming Languages: C/C++, OOP, Java, JavaScript, Python, PHP, HTML/CSS, React, Node.js

AI/ML & Data Science: ML/DL, TensorFlow, Scikit-learn, Pandas, NumPy, Data Visualization

Cybersecurity & Networking: Ethical Hacking, Networking, Wireshark, Kali Linux, Nmap, Burp Suite, Metasploit

Web & Development Tools: VS Code, Git, Docker, Jira, REST APIs, Flask, Odoo, Android Studio

UI/UX & Design Tools: Figma, Canva, Prototyping, UI/UX Design, Looka

Other Tools & Platforms: MS Office, Google Cloud, Linux, Ubuntu OS

Soft Skills: Communication, Problem-solving & Critical Thinking, Leadership & Teamwork, Adaptability, Attention to Detail, Creativity, Punctuality

EDUCATION

Bahria University Karachi Campus

2022 - 2026

Bachelor of science in information technology

CGPA: 3.44

Safe Click (Hybrid Phishing Detection System)

Final Year Project | Machine Learning & Cybersecurity

- Built a system with 92% accuracy in classifying malicious URLs using deep learning.
- Processed 1,000+ emails, reducing manual reviews by 50%.
- Integrated real-time email scanning and created a dashboard for threat logs and alerts.

PROJECTS

Smoke Detection & Fire Prevention System (IoT Based System)

Semester Project | IoT & System Integration

- Built an IoT alert system with 99.5% detection accuracy, supporting 10+ devices.
- Monitored environmental conditions in real-time, with LAN-based notifications.

Cab Service Management System

Semester Project | Java & Oracle

- Developed a full-stack platform handling 100+ requests, with 99% uptime and 500+ records.
- Reduced issues by 35% in testing; managed user requests, drivers, and billing.

Library Management System

Semester Project | MS Access & UI Design

- Managed 1,000+ books with 100% data integrity: reduced transaction time by 60%.
- Supported 50+ users with intuitive UI and robust database.

CERTIFICATIONS

- Ethical Hacking (Great Learning Academy)
- Project Management (Great Learning Academy)
- Intro to MERN Stack (Bahria University Computing & Innovative Society (BUCIS))
- Generative AI and the Art of Prompt Engineering (ACM & SSUIT)
- UX/UI Designing (Great Learning Academy).
- Digital Marketing (Circle Tech Karo program)