

MUHAMMAD ABDULLAH

Software Engineer | Cyber Security Enthusiast | Secure Software Developer
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PROFESSIONAL SUMMARY

Software Engineering undergraduate at Bahria University with hands-on internship experience building and maintaining backend systems, alongside a strong foundation in secure system design, phishing detection, and authentication security. Currently pursuing a Diploma in Cyber Security & Digital Forensics, with practical skills in Python, C#, and Linux. Seeking opportunities to apply security-first development principles in real-world environments.

EXPERIENCE

Software Engineer Intern

Jul 2026 – Present

ByteCorp Technologies

Karachi, Pakistan · On-site · Full-time

Gaining hands-on experience with real-world projects, working across Python and .NET Framework to build and support production systems.

Software Engineer Intern (Backend Developer)

Jun 2026 – Aug 2026 Falcon Tech

Labs Pvt Ltd

Karachi, Pakistan · On-site · Full-time

- Develop and maintain backend systems, building APIs, managing databases, and implementing server-side functionality.

EDUCATION

Bahria University

September 2024 – June 2028

- Bachelor's Degree in Software Engineering

Aptech Education

December 2025 – December 2026

- Diploma in Cyber Security and Digital Forensics

ACADEMIC PROJECTS

github.com/muhammad-abdullaahh

Algo-Puzzle Board

- Developed semester-end projects showcasing various data structures and algorithms, including Dijkstra, Prim's, Kruskal, linear & binary search, DFS, Quick Sort, and Bubble Sort, with emphasis on efficiency and time complexity.

Secure Login System

- Built a secure full-stack authentication system with user registration, login, and session management, implementing password hashing, input validation, and protection against vulnerabilities like SQL injection using parameterized queries, along with a clean responsive UI and proper access control for authenticated users.

Restaurant Management System

- Developed a restaurant management system using OOP principles to handle orders, menu management, billing, and customer interaction workflows.

Phish Guard – Phishing Links Detection Web App

- Built a web-based phishing detection system that analyzes URLs to identify potential security threats, implementing input validation and basic threat detection logic, along with a responsive interface for user interaction.

TECHNICAL SKILLS

Programming Languages: C++ | C# | C | Java | Python | JavaScript | HTML5 | CSS3 | SQL

Web Development: Frontend Development | Responsive Design | Bootstrap | DOM Manipulation | REST API Integration | Authentication Systems | UI/UX Basics

Backend & Database: PHP | MySQL | Database Design | CRUD Operations

Cybersecurity: Network Scanning | Nmap | Reconnaissance & Footprinting | Ethical Hacking Concepts | Cybersecurity Fundamentals

Software Engineering: OOP | Data Structures & Algorithms | Problem Solving | Debugging | Software Documentation | Software Design Patterns | Software Development Life Cycle

Tools & Platforms: Git | GitHub | VS Code | Kali Linux | Netlify | Vercel | Supabase | Cloud

Familiar With: Linux/Windows Command Line | Networking | Operating Systems | Deployment Workflows