

# Mohammed Shabbir Nalwala

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📍 Leicester, England, United Kingdom | 🌐 <https://github.com/mohaammed17>

## EDUCATION

- Bachelor of Science in Computer Science (Hons), University of Leicester, Leicester, UK 2022-2025
  - College Scholarship Scheme award: **15% scholarship** awarded on the basis of **academic achievement**.
  - Grade: **First – Class** in Year 1 and Year 2

## SKILLS

- Python (Pandas, Matplotlib, NumPy) | Java (Spring Boot MVC) | HTML/CSS | Firebase | gRPC | JavaScript (React, Next) | Vercel | C++ | Git | SQL (MYSQL & SQLite)
- Web Application Pen testing | BurpSuite | OWASP ZAP | Kali Linux | Shell Scripting
- Teamwork | Problem Solving | Documentation and Reporting | Communication | Lifelong Learner

## EXPERIENCE

- Software Engineering Fellow | Headstarter AI, United States, Remote Jul2024 – Present
  - Will be developing 5 cutting-edge AI applications with a real-world based final project for an existing startup.
- Software Engineering Intern | VectorEdge, California, United States, Remote Jun2024 – Present
  - Developed SDK for Data Classification model of a Data Security platform product in C/C++ and Google RE2 for Linux OS improving regex efficiency by 30%.
- RPA Developer-Intern | ABP Consultancy, London, United Kingdom, Remote Sept2023 – Nov2023
  - Automated business processes using UiPath, enhancing efficiency by 30% and reducing manual tasks by 40%.
  - Implemented REFramework and orchestrated robotic processes. Generated comprehensive performance reports, improving insights into automation.
- Security Consultant-Intern | Securelink, Dubai, United Arab Emirates, On-site Jun2023-Sept2023
  - Conducted vulnerability assessments and penetration testing using OWASP tools, identifying 20+ security issues and improving defences by 40%. Facilitated feasibility studies, assessments, and requirements gathering for the Risk Assessment Matrix tool, streamlining documentation by 20%.
- Cybersecurity-Intern | Senselearner Technologies Pvt. Ltd., Remote Jun2023-Jul2023
  - Worked on several cybersecurity activities like security architecture, scanning infrastructure devices, attack analysis, identifying 10+ vulnerabilities, applying secure coding practices, incident response and security governance and reporting.

## PERSONAL PROJECTS

- Web app for IBM SkillsBuild | Java, Spring Boot, MVC, MySQL JDBC, RESTful API, Spring Security, Gradle, JSP 2024
- PennyPal | HTML, CSS, JS, node.js 2023
- Sales Analysis Program | Python, NumPy, Pandas, Matplotlib, GraphMaker, DataHandler 2021
- Spam bot for WhatsApp | Python, Selenium 2020

## CERTIFICATIONS AND TRAININGS

- Web Development Fundamentals, IBM Aug 2023
- Cybersecurity Fundamentals, IBM Aug 2023
- AI Foundations, IBM Aug 2023
- CC Course, ISC2 Aug 2023
- ComTIA Security+, Udemy Mar 2023
- ComTIA Network+, Udemy Feb 2023
- Advanced Java Programming, Aptech Computer Education Sep 2022
- Artificial Intelligence Intro, IBM Apr 2020