

# KHALID HUSSAIN

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## Summary

*Identity and Access Management (IAM) enthusiast currently deep-diving into the field with a strong foundation in software development. Skilled in frontend development and passionate about designing secure access solutions to enhance organizational security. Eager to apply development expertise in the IAM space and contribute to creating seamless and compliant identity management systems.*

## Education

**Shaheed Zulfikar Ali Bhutto Institute of Science and Technology** Islamabad, Pakistan  
*Bachelor of Science in Computer Science* 2019 - 2023

**Aga Khan Higher Secondary School, Gilgit** Gilgit, Pakistan  
*Pre-Engineering(HSSC)* 2017 - 2019

## Professional Experience

**Cyber Security Intern** Jun 2024 – Sep 2024  
**Bytewise Limited** Remote, Pakistan

Tech-based company offers information technology consultancy services to various industries and businesses

- *Cybersecurity Training: Completed Identity and Access Management (IAM) training, focusing on user onboarding and Active Directory, which enhanced my understanding of access control mechanisms*
- *Technical Skills Development: Acquired hands-on experience with Wireshark for network traffic analysis and gained foundational knowledge in operating systems, including Windows and Linux*
- *Threat Analysis Proficiency: Participated in practical exercises analyzing phishing emails and understanding OWASP Top 10 vulnerabilities, equipping me to identify and mitigate security threats*

**Frontend Engineer** Aug 2023 – Present  
**Techalphalogix** Gilgit, Pakistan

Tech-based company specializing in web development, computer networking, digital marketing, and design

- *Web Development: Developed dynamic, responsive web applications with HTML, CSS, JavaScript, React.js, Next.js, and TypeScript, ensuring cross-browser compatibility and an optimal user experience.*
- *Version Control Management: Leveraged Git for version control, enhancing team collaboration and ensuring code integrity through effective branching and merging, leading to improved project efficiency.*
- *Agile Development Practices: Contributed to Agile methodologies by participating in daily stand-ups and sprint planning, fostering collaboration and accelerating project delivery timelines.*

**Mentor Junior Full Stack Developer** Sept 2023 – Apr 2024  
**Foundation for Youth Employment** Gilgit, Pakistan

Transform education into employment systems to prepare, place, and support people in life-changing careers

- *Mentorship and Development: Guided junior developers in both frontend and backend technologies, conducting code reviews and providing career advice to enhance their skills and professional growth*

**Career-Prep Fellow** Dec 2023 – Feb 2024  
**Amal Academy** Remote, Pakistan

Education startup funded by Stanford University that teaches professional skills to students and corporations

- *Skills development: Investing 150 hours to develop business skills (e.g., communication, leadership, problem-solving, teamwork, etc.) that will help me make a deeper impact on the job*

**Junior Frontend Developer** Apr 2021 – Jul 2023  
**Webloop Pk** Rawalpindi, Pakistan

- *Web Application Development: Contributed to responsive web applications using HTML, CSS, and JavaScript, focusing on reusable components to enhance user experience.*
- *Team Leadership in WordPress: Led a team of four in WordPress theme customization and SEO strategies, improving site performance through on-page and off-page optimization.*

- *Collaboration with Senior Developers: Assisted senior developers on complex projects, gaining insights into best practices and coding standards while enhancing my technical skills*

## Academic Experience

**Malaria Identification System Using Deep Learning** Islamabad, Pakistan

Innovative Malaria Identification System using deep learning for rapid and accurate malaria detection

**Design and Technical Integration Lead** Sep 2022 – Jun 2023

- *Deep Learning Implementation: Implemented advanced deep learning algorithms in Python to classify malaria presence in blood samples accurately*
- *Model Integration: Developed and integrated multiple models into a comprehensive management system, improving tracking and reporting for efficient malaria detection by healthcare professionals*

## Extracurricular & Volunteer Experience

**Information Technology Lead** May 2024 – Present

**Gilgit Baltistan-Chitral Students Support Network (GBC SSN)** Rawalpindi, Pakistan

- *IT Lead: Managed the WordPress site, optimized performance, and led a team of 10 writers to ensure high-quality content aligned with organizational goals*

**STEM & Robotics Trainer** Dec 2023 – Sep 2024

**Aga Khan Local Education Board Gilgit** Gilgit, Pakistan

- *STEM & Robotics Training: Conducted workshops on Scratch and Arduino, enhancing students' problem-solving skills and creativity through hands-on projects*

**Volunteer Mentor** Jul 2023 – Aug 2023

**Investing in Future Leaders (OEC)** Gilgit, Pakistan

- *Volunteer Mentor: Delivered interactive lessons to government school students, promoting core subjects and fostering a passion for learning*

## Certifications and Online Courses

– Google Cybersecurity - Coursera – Google	2024 - 2024
– Google Soft Skills Program - Pakistan Freelancers Association (PAFLA)	2024 - 2024
– Foundation: Sailpoint Training - Sailpoint University	2024 - 2024
– Foundation: ForgeRock Technologies - ForgeRock	2024 - 2024
– Identity and Access Management: Forgerock OpenAM - Udemy	2024 - 2024
– Full-Stack Engineer Career Path - Codecademy	2023 - 2024
– Explore App Development with the MERN Stack Explore - LinkedIn Learning	2023 - 2023
– ChatGPT for Web Developers - LinkedIn Learning	2023 - 2023
– Networking Essentials - Cisco Networking Academy	2023 - 2023
– Introduction to Identity and Access Management - LinkedIn Learning	2023 - 2023
– Version Control - Coursera – Google	2023 - 2023

## Technical Skills & Language Proficiency

- *Technical Skills: Active Directory, Coaching, Identity and access management, Technical Support, Directory services, User authentication methods, multi-factor authentication (MFA), role-based access control (RBAC), user provisioning, de-provisioning processes, IAM tools, security policies, compliance regulations, auditing, monitoring user activities, security breaches, access controls, RESTful APIs*
- *Language: English, Urdu, Punjabi, Brushaski, khuwar, Shina*