

Khaled Salem Abbad

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EDUCATION

King Faisal University - Al Hofuf, Saudi Arabia

09/2022 – 06/2026

Dedicated Computer Science student at King Faisal University with a strong interest in web development, back-end programming, and server management. Knowledgeable in cybersecurity and security best practices, with experience in implementing secure systems and protecting web applications. Passionate about creating efficient, safe, and scalable web solutions while continuously learning and applying modern security and development frameworks..

EXPERIENCE

Google Developer Student Club – Developer

Hofuf - Saudi Arabia, 09/2023 – 09/2024

- Worked as a Developer at Google Developer Student Club, building web applications, managing backend tasks, collaborating with team members, and applying best practices in coding and version control (Git).

Freelance IT / Server Administrator

Remote- Saudi Arabia, 05/2024 – present

- Provided freelance server administration services, including configuring and managing web servers (e.g., Nginx), implementing security measures (e.g., Fail2Ban), troubleshooting issues, and ensuring stable and secure web hosting environments.

King Faisal University – VulnOps Lead, Cybersecurity Club

Hofuf - Saudi Arabia, 09/2024 – present

- Led VulnOps at the university's Cybersecurity Club, creating vulnerable web apps for training and competitions, delivering workshops on web security, and mentoring members in CTFs and secure coding practices.

Multiple Initiatives Contracting Company (MICC) – IT Support

Remote- Saudi Arabia, 04/2025 – 07/2025

- Provided IT support and system configuration for MICC, managing devices, troubleshooting hardware and software, ensuring operational efficiency, and applying security best practices.

PROJECTS

- **Date Fruit Quality Prediction Model (CNN + Meta Learning)** – Developed a predictive model using CNN and meta-learning techniques to classify date fruit quality based on visual and sensor data, improving accuracy across multiple varieties.
- **MICC Website (Full-Stack Business Site)** – Built a full-stack website for MICC showcasing their services, including a secure contact form with SendGrid, backend development with Node.js, Express.js, EJS templating, and responsive layout deployment on Vercel.
- **Traffic Congestion Prediction Model** – Implemented a machine learning system to forecast traffic congestion using parameters like vehicle count and waiting times, providing actionable insights for traffic management.
- **Speed Typing Game (Full-Stack Web Application)** – Developed a full-stack web app for typing practice with multiple timed modes, real-time leaderboard, secure authentication (email + Google OAuth), dynamic EJS UI, and responsive design.

Certifications

- Introduction to Neural Networks and PyTorch - IBM
- AI for Medical Diagnosis - DeepLearning.AI
- Model Context Protocol (MCP) - Fractal Analytics

Skills

Technical Skills:

- Languages: Python, C++, HTML, PHP, JavaScript
- Tools & Platforms: Linux, MongoDB, MySQL, Node.js, Git, Docker, npm

Soft Skills:

- Team Management
- Leadership
- Communication
- Problem Solving
- Critical Thinking
- Teamwork

Languages

Arabic (Native)

English (professional)

- TOFEL ITP - Score: 497 (B1)