

TURKI ABDULLAH AL-SHEHRI

Computer Engineer | Software Engineer (Full-Stack & Backend)

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SUMMARY

2026 Computer Engineering graduate from King Khalid University focused on software engineering, full-stack platforms, backend systems, REST APIs, and database-backed business automation. Hands-on experience with PHP/Laravel, Node.js, React, MySQL, Docker, Linux/VPS administration, and software-driven IT automation. During cooperative training at KKU IT Department, built a lab maintenance automation tool that reduced setup time for a 20-device lab from around 3 hours to 45 minutes. Strong foundation across software, systems, cybersecurity, IoT, and AI-supported automation.

EDUCATION & LANGUAGES

King Khalid University - Bachelor of Computer Engineering, Graduated 2026

Honors: 1st Place, CyberTalents 2022 - University Track; 1st Place, Computer Olympiad

Languages : Arabic | English

EXPERIENCE

King Khalid University - Information Technology Department | Cooperative Training Intern | 2025 | 8 weeks

- Inspected and prepared computer labs, including hardware/software maintenance and workstation readiness checks.
- Formatted, configured, named, and connected lab devices to KKU network; supported network setup and troubleshooting.
- Built an automation program for post-format device setup, asset-based naming, network joining, and technician log recording.
- Reduced maintenance time for a 20-device lab from approximately 3 hours to 45 minutes by automating repetitive setup tasks.

SKILLS

Software Engineering: Backend development, full-stack development, REST API design, MVC architecture, OOP, authentication/authorization, database design, dashboards, reporting, business process automation

Languages: PHP, JavaScript, Python, C#, C++, Go (Golang), Lua, SQL

Frameworks & Frontend: Laravel, Livewire, Node.js, React, Tailwind CSS, HTML, CSS

Databases & Data: MySQL, SQLite, relational database design, query analysis, data analysis, BI fundamentals

DevOps & Systems: Docker, Git/GitHub, Laravel Herd, Linux server administration, VPS, RDP, deployment, troubleshooting

AI & Automation: AI model development, model training, data preparation, model evaluation, Generative AI fundamentals

Cybersecurity: Web application security, vulnerability analysis, CTF problem solving, IoT penetration testing, digital forensics basics

Hardware/Automation: Arduino, PLC projects, IoT sensors, hardware/software integration, automation concepts

Soft Skills: Communication, leadership, public speaking, analytical thinking, problem solving, fast learning, teamwork, adaptability, ownership

PROJECTS

Haseelah | Property Management System - Private Project

Tech Stack: PHP/Laravel, MySQL, Livewire, Tailwind CSS, JavaScript

- Built a full-stack property management platform to organize properties, units, records, workflow automation, and database-backed business processes.
- Designed administrative dashboards and backend logic for daily property operations, reporting, and internal process automation.

Radeef | Workshop Management System - Private Project

Tech Stack: PHP/Laravel, MySQL, Livewire, Tailwind CSS, JavaScript

- Built a workshop management system supporting service operations, job/customer records, internal workflow tracking, backend logic, and business process automation.

AI-Assisted AR Repair Helmet | Graduation Project

Tech Stack: C#, Python, SQLite, Arduino, HTML/CSS, JavaScript, IoT sensors

- Developed an augmented-reality repair helmet that displays step-by-step repair instructions based on the selected technical fault.
- Implemented application logic, local data storage, web interface components, and hardware interaction using Arduino and IoT
- Demonstrated troubleshooting workflows and AI-assisted guidance for practical repair and technical support scenarios.

PLC & IoT Automation Prototypes

- Implemented practical PLC and IoT projects connecting software logic with devices, sensors, automation workflows, and troubleshooting scenarios.

CERTIFICATIONS

- Foundations of IoT Systems and Industrial Automation - LearnQuest / Coursera - May 2026 - Credential: 10O7GZNWBWE2
- Introduction to Generative AI - Google Cloud / Coursera - May 2026 - Credential: PFR301JFX2S3
- Business Intelligence (BI) Essentials - IBM / Coursera - Apr 2024 - Credential: WAUMXH3ZTP33
- Digital Forensics Using Autopsy - Developer Student Clubs, Saudi Arabia - Jan 2021
- IoT Penetration Testing - King Khalid University - Mar 2021
- Web Development with Java Servlets - King Khalid University - Mar 2021