Abdulrahman Sharqawi

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Projects Portfolio: abdulrahman-sharqawi.com

EDUCATION

King Fahd University of Petroleum and Minerals (KFUPM) — Saudi Arabia, Dhahran
Bachelor of Science in Computer Engineering, Concentration in Cloud Computing — Sep 2021 - Dec 2025
Awards and Achievements: — **GPA: 3.88/4**

- Secured 1st place at KFUPM Sustainable and Smart Campus 2024 Hackathon out of +20 teams
- Secured 3rd place in the KFUPM Math Factorization Competition out of +50 students

EXPERIENCE

Solutions by STC — Saudi Arabia, Riyadh
Cloud & Digital Standard Products Intern — Jun 2025 – Aug 2025

- Contributed Knowledge Base content and improved front-end UI/UX, navigation, and responsiveness on domains.solutions.com.sa using Angular.
- Designed optimized VM architecture, reducing cloud costs by SAR 200K+ for CNTXT.
- Proposed and launched Microsoft 365 bundled with DNR, expanding the product offering.
- Developed a business case to transition the GPU-as-a-Service data center from air to liquid cooling for power efficiency gains.

CEO of SparkCraft — Saudi Arabia, Dhahran
Self-Employed 3D Printing Specialist — Oct 2024 - Present

- Founded SparkCraft, delivering custom 3D printing and Fusion360 modeling for clubs and projects
- Played a key role in a project that served 650+ attendees, showcasing custom 3D-printed items and solutions
- Scaled SparkCraft to 150+ customers in two months, demonstrating strong market demand
- Offered educational booths and workshops on 3D printing, providing hands-on learning experiences for attendees

Center of Students Success at KFUPM — Remote
Discrete Structures Video Editor (Part-time) — Jan 2025 - June 2025

- Edited and uploaded 150+ instructional videos for zyBooks under Dr. Husni Almuhtaseb and produced a official KFUPM introduction video using DaVinci Resolve.

Retm & Arshfa Math and Calculus Instructor — Remote
Retm & Arshfa Tutoring Program (Part-time) — May 2024 – Dec 2024

- Delivered live tutoring sessions to over 300 students, helping them achieve an average final grade of B+
- Produced and edited 150+ high-quality instructional videos covering the full syllabus for basic mathematics and calculus

College of Mathematics and Computing at KFUPM — Saudi Arabia, Dhahran
Mathematics Teaching Assistant (Part-time) — Sep 2023 - Dec 2023

- Assisted in teaching two Algebra and Trigonometry courses to over 40 students through in-person sessions and online
- Facilitated effective communication between students and faculty, ensuring a productive and engaging learning environment

EXTRACURRICULAR ACTIVITIES

Fabrication Club KFUPM (Fab Lab) — Saudi Arabia, Dhahran
Electronics Department Lead — Jan 2024 - Jan 2025

- Designed and assembled a comprehensive electronics workstation for use by future students
- Learned and taught electronics and 3D printing skills through hands-on projects, fostering a collaborative environment

KFUPM Computer Club — Saudi Arabia, Dhahran
Communications Event Coordinator — Aug 2023 - Dec 2023

- Organized a hands-on Virtual Machines Networking event that attracted over 50 students
- Collaborated with professors, students, and designers to ensure the seamless execution of events

Soum — Riyadh, Saudi Arabia
Product Management Trainee, Job Shadowing Program — Mar 2023

- Proposed a WhatsApp API to improve product availability tracking and validated it through user research under the mentorship of Meshal Alsaleem; the solution was applied in the next sprint

SKILLS AND LANGUAGES

- Cloud Engineering: AWS fundamentals, HTML, CSS, MongoDB, JS, Distributed Systems, Angular
- Programming Languages: Python, Java, C, C++, Verilog
- Networking: Cisco Certified Network Associate (CCNA), Arduino Cloud, Internet of Things (IoT) Fundamentals
- Frameworks: (Python) TensorFlow, Numpy, Pandas, Jupyter, Arduino IDE, Packet Tracer
- Languages: Arabic (Native) and Fluent in English (IELTS: 7.0)