

ABDULLAH ALENEZI

Kuwait | +965 66850080 | aaalenezi217@gmail.com | www.aaalenezi.com | [LinkedIn](#) | [Github](#) | Civil Engineer | Full-Stack MERN Developer | AI & Digital Solutions | Certified Tech Instructor

Dedicated Civil Engineer and Full-Stack Developer with 5+ years of experience in construction project management, GIS analysis, and web development. Adept at merging technical engineering expertise with modern programming skills to deliver innovative solutions. Proven track record in mentoring students, leading teams, and developing scalable web applications. Strong proficiency in AutoCAD, Blender, JavaScript, and full-stack frameworks.

WORK EXPERIENCE

Enshaat Al-Sayer Construction & Gen. Trading Co. – Civil Engineer

July 2023 – Present

- **Strategic Project Execution:** Key member of the execution team for a major KOC environmental initiative. Directing large-scale excavation and logistics, ensuring continuous workflow from extraction to treatment zones.
- **Remediation & Technical QA/QC:** Overseeing biological treatment processes (Bioremediation/ENA) to successfully reduce TPH levels and achieve "Remediation Target Criteria" (RTC) compliance. Utilizing RemScan technology for real-time soil analysis.
- **Infrastructure Development:** Spearheaded the civil construction, lining installation, and commissioning of a Class-II Landfill, delivering a fully operational waste containment facility.
- **HSE & Site Restoration:** Driving a safety-first culture contributing to **2 Million Safe Manhours (Zero LTI)** and managing backfilling operations to restore over 400,000 tons of soil to the natural landscape.
- **Stakeholder Engagement & Corporate Communication:** Orchestrated the 2025 Annual Project Event, managing full-cycle logistics, branding, and multimedia production. Delivered the keynote technical presentation to Senior Stakeholders and produced the project's cinematic milestone documentary.

CODED Academy – Tech Instructor & Mentor | April 2025 – August 2026

- **Agentic AI Bootcamp Content Creator & Lead Instructor:** (July 27th, 2026 - August 27th, 2026) Architected the full curriculum and served as the primary instructor for CODED's inaugural Agentic AI Bootcamp. Delivered intensive instruction on Claude API integration, agentic workflows, n8n automation, and OpenClaw. Guided trainees through self-hosting models and tools on private VPS infrastructure to guarantee strict data privacy, enterprise-grade efficiency, and local environment control.

- **Lead Cybersecurity Bootcamp Instructor:** (June 2026) Delivered an intensive 2-week hands-on cybersecurity curriculum to trainees, covering foundational security principles, threat dynamics, and offensive/defensive methodologies. Led practical terminal labs focusing on network packet analysis (Wireshark), network scanning (Nmap), password cracking and encryption/decryption (Hashcat, John the Ripper), and web application vulnerabilities including SQL injection (SQLi).
- **Backend Development Instructor (Full-Stack Bootcamp):** (Jan 2026 – Feb 2026) Contracted to deliver an intensive backend curriculum covering Node.js, Express.js, RESTful APIs, and MongoDB schema design; conducted 60+ hours of live instruction over a 3-week sprint (20 hours/week) for 30+ adult learners.
- **Cybersecurity Teaching Assistant (Contract):** (Current & Sept 2025 – Oct 2025) Mentoring adult trainees through foundational infrastructure and offensive security essentials; clarified Python automation scripts and walked through 15+ Kali-based penetration-testing exercises for 20+ trainees, driving a 92% real-time lab task-completion rate.
- **Full-Stack Bootcamp Lead Instructor:** (April 2025 – July 2025) Spearheaded full-stack implementation tracks; drove a 40% improvement in student coding proficiency and secured a 90% graduation rate through Agile-driven project frameworks.

VerCode – Founder & Lead Full-Stack Developer

2020 – Present

- Registered and established an official digital solutions company in Kuwait, scaling a solo freelance consultancy into a professional enterprise software operation.
- Architected and deployed 15+ custom full-stack web and mobile applications, guaranteeing 99.9% application uptime and engineering responsive administrative analytics dashboards utilizing React.js and Firebase.
- Designed responsive frontends with React.js and integrated backend APIs with Express.js and MongoDB, reducing load times by 25%.
- Delivered 3D architectural visualizations via Blender and AutoCAD, enhancing client approval rates by 30%.

CODED Academy | Kuwait Codes – Lead Mentor (Web Development & Cybersecurity)

July 2024 – August 2024

- Trained 100+ high school students in cybersecurity fundamentals (ethical hacking, network security) and full-stack development (HTML/CSS, JavaScript).
- Directed a team of 8 teaching assistants to optimize student progress tracking using Python scripting.

CODED Academy | Kuwait Codes - Student Mentor

July 8th, 2023 - August 9th, 2023

- Provided technical support and guidance to high school students across multiple programming tracks (Python, web development, Flutter, game development).
- Facilitated online workshops on Bash scripting to enhance students' coding toolkit.

Kuwait Municipality - Civil Engineer

September 2020 – September 2023

- Conducted structural and architectural design reviews, ensuring compliance with building codes.
- Served as team leader on a large-scale housing project, overseeing the development of over 28,000 units.
- Performed comprehensive surveys of industrial and commercial units to enhance GIS data accuracy for future engineering studies.

PROJECTS

Undergraduate Capstone Project – Hydrological Analysis, Flagstaff, AZ

- Utilized TR-55 and HEC-HMS software to calculate hydrographs for impervious surfaces, improving flood-risk assessment accuracy by 15%.

Tech Education Workshop: Student Website Deployment – Abdullah AlSalem University

- Collaborated with SuliTech and CBI Club to teach 250 students WordPress and Elementor for website deployment, achieving 85% success in creating multi-page capstone sites within 30 minutes.

Company Management System – NAJMAT AL WESAM

- Engineered a MERN stack system with role-based access control (admin, manager, employee, accountant), independently handling complex requirements to secure a monthly maintenance contract.

Automated Membership & Event Verification Engine | Madaar Club (Abdullah Al Salem University)

- **The Challenge:** Resolved a critical operational bottleneck where club leadership manually processed individual member sign-ups, generated Apple Wallet passes (.pkpass) via paid third-party mobile apps, and typed attendance records into spreadsheets mid-event.
- **The Architecture:** Engineered a full-stack automated dashboard using the **MERN stack** (MongoDB, Express.js, React, Node.js) featuring bulk data migrations.
- **The Solution:** Developed a secure admin portal allowing one-click bulk Excel uploads that dynamically provisions student user accounts, auto-compiles personalized .pkpass files with embedded unique QR codes, and dispatches automated transactional emails with installation guides and student portal credentials.
- **Impact:** Built a live QR-verification microservice that validates member status in real-time at events, completely eliminating manual entry by auto-logging verified attendee data directly to Google Sheets via secure webhooks/automation pipelines.

TECHNICAL SPEAKING & WORKSHOPS

Guest Lecturer & Presenter | Kuwait Hackathon (National Cyber Security Center & CODED) | 2024

- **Workshop Title:** "Your Hackathon Toolkit: Tools and Methodologies for Competitive Success"
- Delivered a high-impact technical workshop to **200+ cybersecurity competitors**, breaking down advanced infrastructure reconnaissance (Nmap), web-logic manipulation (Burp Suite proxy/repeater), network forensics (Wireshark packet stream analysis), and password cryptography (John the Ripper rule-based mutations).
- Conducted live terminal environment demos in Kali Linux, earning top-tier attendee feedback for extreme clarity in instruction, execution of technical concepts, and actionable methodologies.

EDUCATION

Northern Arizona University | 2015 – 2019

Bachelor of Science in Civil Engineering | GPA: 3.36

- Certifications: PMP Preparation Course, Quantity Surveying from AutoDesk (Structure & Architecture)

Certified Trainer, International Academy – 2025

- Officially authorized to deliver technical training to adult learners worldwide.

CERTIFICATES & HONORS

- **Certificate of Appreciation (SKETR-II Zone A Project) | Enshaat Al-Sayer & Kuwait Oil Company (KOC) | 2025**
 - Awarded for instrumental contributions to key project milestones, achieving 2 million safe man-hours and 1 million tons of remediated soil.
- **Outstanding Teaching Award (Cybersecurity Bootcamp) | CODED Academy | 2025**
 - Awarded for outstanding teaching efforts and contributions to the Cybersecurity Bootcamp.
- **Outstanding Teaching Award (Full-Stack Bootcamp) | CODED Academy | 2025**
 - Recognized for exceptional performance and teaching efforts in the Full-Stack Development Bootcamp.
- **Certificate of Appreciation (UniCODE Program – Web Development) | CODED Academy | September 2025**
 - Honored for creating a successful learning experience in the Website Development Course.
- **Certificate of Appreciation (UniCODE Program – Cybersecurity) | CODED Academy | December 2024**
 - Recognized for outstanding contributions and creating a successful learning experience during the Cyber Security Course.

- **1st Place Winner – Hour of Code Contest | Kuwait University (CPES & KARS) | October 2024**
 - Achieved first place in the coding competition organized by the Computer Engineering Society and AI & Robotics Society.
- **Certificate of Appreciation – Web Development Track | Kuwait Codes | August 2024**
 - Recognized for supervising and supporting students in the Website Development Track.
- **Certificate of Achievement (Safety Excellence) | Enshaat Al-Sayer & Kuwait Oil Company (KOC) | 2024**
 - Recognized for dedication to maintaining the highest standards of workplace safety, contributing to the achievement of 1,000,000 Safe Man-hours.
- **Certificate of Appreciation – Cybersecurity Instructor | Kuwait Codes | July 2024**
 - Acknowledged for valuable contributions in teaching Cybersecurity to students.
- **Kuwait Hackathon Participant (Cybersecurity) | National Cyber Security Center & CODED | October 2023**
 - Official participation in the Kuwait Hackathon for Cybersecurity.
- **Track Student Mentor – Website Development | Kuwait Codes | August 2023**
 - Awarded for supporting students and enriching the educational journey in the Websites Development Track.

SKILLS

- Adaptability and quick learning
- Analytical thinking skills
- Excellent written communication skills
- Project management
- Time management
- Public speaking & technical instruction

SOFTWARE SKILLS

- **Development & AI:** Full-Stack Development (React/Node.js), Agentic AI Workflows (Claude API, OpenClaw, n8n), LLM Integration, Self-Hosted Infrastructure & VPS Deployment, Prompt Engineering.
- **Offensive Security & Tools:** Kali Linux, Nmap, Wireshark, Hashcat, John the Ripper, Burp Suite, Metasploit, Web Application Security (SQLi, Penetration Testing).
- **Engineering Tools:** AutoCAD, Revit, Blender, HEC-HMS, GIS
- **Databases:** MongoDB, Postgres, Prisma, Redis
- **Adobe Software:** Photoshop, Illustrator, Adobe Premier Pro.
- **Microsoft Software:** Excel, PowerPoint, Word
- **Offensive Security:** Kali Linux, Metasploit, Nmap, Burp Suite, Wireshark