

Eyad Qasim Raheem | Information Engineer

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PROFILE SUMMARY

Recent Information Engineering graduate from Al-Nahrain University with exceptional problem-solving abilities and entrepreneurial mindset. Achieved highest ranking on Kattis platform at Al-Nahrain University. Proven track record in hackathons, AI/ML development, and full-stack solutions with strong leadership experience. Currently working on advanced computer vision and LLM deployment systems at Al Habbar Company.

EDUCATION

Bachelor in Information Engineering - Systems Engineering

Al-Nahrain University, Baghdad, Iraq | 2020 - 2025

PROFESSIONAL EXPERIENCE

- **AI/ML Engineer - Al Habbar Company** | October 2024 - Present
 - Developed and deployed YOLO object detection models for computer vision applications
 - Implemented and fine-tuned LLaMA language models for natural language processing tasks
 - Built deployment pipelines using Roboflow, Python, and Conda environments
 - Configured cloud deployment infrastructure on RunPod with Cloudflare tunnels
 - Integrated LiquidAI LMF-VF-3B and Qwen-1.5B models for specialized AI applications
 - Managed end-to-end ML pipeline from model training to production deployment
- **Freelance Developer** | 2024 - 2025
 - Al Mutanabbi Online: Full-stack web platform built and deployed on Hostinger with complete lifecycle management
 - QR Conference System: Python-based invitation generation and verification
 - Face Recognition System: Real-time system with ChatGPT and Amazon Polly APIs
 - Frontend Development: Multiple responsive websites and interfaces
- **Program Coordinator & Executive Team Member - Rwafed Organization** | July 2024
 - Led planning and execution of community training events
 - Managed logistics, timing, and program structure

- Strategic decision-making for organizational impact

KEY SKILLS

- **Programming Languages:** Python, JavaScript, HTML5, CSS3
- **AI/Machine Learning:** YOLO, LLaMA, LiquidAI, Qwen, Deep Learning, CNN, Computer Vision, TensorFlow, Roboflow
- **Frontend Development:** React.js, Progressive Web Apps, Responsive Design
- **Backend Development:** Flask, API Development, Database Integration
- **Cloud & Deployment:** Hostinger, RunPod, Cloudflare Tunnels, Conda Environments, Docker
- **Embedded Systems:** STM32F4 Microcontroller Programming
- **Specializations:** IoT Development, QR Code Systems, Real-time Applications, Model Deployment
- **Business & Leadership:** Project Management, Strategic Planning, Team Building, Event Organization

MAJOR ACHIEVEMENTS

- **Founder - EDURU Tech Club** | 2025 - Present
Led student events and training sessions on web development and AI. Designed club branding and official online presence.
- **Smart Mirror Project** | 2023 - 1st Place
Won "Sustainable IoT" hackathon among 9 teams, CORTISSS program (Al-Nahrain x Offenburg University). Evaluated by international jury including Prof. Dr. Axel Sikora. Awarded DAAD Grant for study program in Germany.
- **Brain Tumor Detection AI** | 2023 - 99.93% Accuracy
Deep learning CNN model for X-ray tumor diagnosis. Month-long AI hackathon by Computiq and GIZ.
- **Kattis Programming Platform** | 2024
Highest ranking at Al-Nahrain University, demonstrating superior algorithmic problem-solving.

SPEAKING ENGAGEMENTS & LECTURES

- **AI Technology Lecturer** | Iraqi National Research Center in cooperation with Iraqi National Security Council | November 26, 2024
Delivered technical lecture on artificial intelligence applications and developments
- **Smart Cities Workshop** | Baghdad University, College of Engineering
Presented on smart city technologies and implementations
- **AI in Agriculture** | Multiple Venues
Sustainable farming applications and AI integration presentation
- **Student Career Guidance** | Al-Nahrain University
AI and automation engineering career workshops for students

SELECTED PROJECTS

- **AI Mutanabbi Online - Full-Stack Web Platform** | 2024 - 2025
Complete full-stack web application for online services. Managed entire development lifecycle from design to production. Deployed and hosted on Hostinger with full domain configuration and server management. Technologies: Full-stack development, Hostinger deployment, domain management
- **MemoryInk - Photo Memory App** | August 2025
Production-ready web app for embedding memories in image metadata with JWT auth, encryption, PWA, and offline support. Technologies: React.js, Flask, EXIF/XMP manipulation
- **AI Academy - No-Code Education Platform** | July 2025
Interactive landing page for teaching Iraqi people no-code development with focus on prompt engineering and building AI projects. Technologies: TailwindCSS, Three.js, GSAP animations
- **Artisan Confectionery iPad App** | August 2025
Touch-optimized cake customization platform and premium in-store customer interface. Technologies: React, Tailwind CSS
- **Nelover Smart Gardens** | June 2025
IoT-based indoor gardening solution with automated monitoring and control systems for year-round food production
- **Conference Ticket Generator** | February 2025
Bilingual event management system with QR codes and admin dashboard with real-time analytics. Technologies: React, Flask, Arabic/English support
- **AI Web Analyzer Platform** | November 2024
Full-stack AI-powered analytics web app with ML models for pattern recognition and predictive analytics. Technologies: Python, Flask, TensorFlow, REST APIs
- **Lung Cancer Prediction Model** | June 2024
Final Year Project achieving 98.97% accuracy with Random Forest ensemble; handled imbalanced data using SMOTE. Technologies: Scikit-learn, Random Forest, XGBoost
- **MMM-FaceRecognition Smart Mirror** | February 2024
Integrated real-time face recognition with ChatGPT API and Amazon Polly for conversational AI interface. Technologies: Python, JavaScript, OpenCV, APIs
- **Brain Tumor Detection System** | August 2023
Achieved 99.93% accuracy using CNN for medical image classification on 20000+ X-ray dataset. Technologies: TensorFlow/Keras, CNN, REST API
- **Dalaly Real Estate App** | June 2023
Iraqi real estate app for property exchange built in 54-hour StartUp Weekend Baghdad competition. Sponsored by GIZ, EarthLink, Computiq, and Hub200

CERTIFICATIONS & TRAINING

Recent (2024-2025):

- AI Engineering - IBM & Coursera
- Riyadh Initiative - Entrepreneurship & Project Development
- STM32F429I - IoT Development (Offenburg University, Germany) - DAAD Project
- Leadership and Team Management

Foundation (2022-2023):

- AI Development Training - AI Dojo, Makers Academy
- Python Programming - Cisco Academy (Certified)
- Telecommunications Operations - Korek Company
- Web Development - Multiple platforms

LANGUAGES

- Arabic: Native
- English: Professional Proficiency
- German: Basic (A1)