

# HARITH ONIGEMO

Full-Stack Engineer | AI & Automation | UAE Golden Visa

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## PROFILE SUMMARY

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I build web and mobile apps that use AI tools. Over the last three years, I've worked mostly with TypeScript, Python, React, and Node.js. I've hooked up language models to real products, put together systems where different AI processes work together, and designed APIs that run in the cloud. In one project, I helped the sales team qualify leads better, and in another I shaved API response times down to six milliseconds. I'm also studying for a master's in artificial intelligence and machine learning on a Chancellor's scholarship while still working as an engineer.

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## CORE COMPETENCIES

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### Languages & Frameworks

TypeScript, JavaScript, Python, PHP, HTML/CSS

### Frontend & Mobile

React, Next.js, React Native, Expo, Flutter, Redux, Tailwind CSS

### Backend & APIs

Node.js, NestJS, Express, GO, Laravel, REST APIs, Microservices, MySQL, PostgreSQL, MongoDB

### AI & Automation

LLM Integration, Multi-Agent Workflows, OpenAI API, Mastra AI, Prompt Engineering, RAG

### Cloud & DevOps

AWS, GCP, Supabase, Docker, CI/CD, OpenTelemetry, Sentry

### Integrations & Testing

Salesforce API, Microsoft Graph API, Jest, Zod, Agile/Scrum

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## PROFESSIONAL EXPERIENCE

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### Full-Stack Developer | Media Agency Group International, Dubai, AE

January 2025 – Present

- Built a production AI email agent with TypeScript, Express, Mastra, and OpenAI. This system hooks into Salesforce and Microsoft Graph to qualify inbound campaign leads, draft follow-up emails, and manage sales handoffs, raising the number of qualified leads by about 80% each month.
- Set up pipelines that coordinate multiple agents for sentiment analysis, lead qualification, and campaign planning, allowing the commercial team to handle conversations automatically at scale.
- Built a production Next.js and TypeScript platform leveraging conversational AI to generate campaign briefs for advertising clients, reducing manual brief-writing effort across account management.
- Wrote a centralized blog API and tuned its queries and caching so response times fell to around 6 milliseconds, and pages load faster across MAG's sites.
- Launched the Lockbox mobile app with Expo and NestJS to let taxi advertising staff view campaigns, complete fitting jobs, and review finances. This made internal audits more accurate and streamlined operations.
- Made the production system more reliable by adding prompt injection checks, telemetry tracing, error monitoring, stricter TypeScript types, and optimizing React re-renders.

### Full-Stack Developer | Keyone Realty Group, Dubai, AE

December 2023 – January 2025

- Architected scalable frontend systems using modern frameworks and instituted peer code review standards, reducing feature release cycle times by 30% across the engineering team.
- Designed and delivered the end-to-end Landlord Connect mobile application for holiday home landlords, driving a 100% increase in landlord acquisition for the business.
- Engineered the landlord portal backend using PHP, Laravel, and MySQL with microservice architecture, improving API response times for user requests by 35%.
- Built internal process automation tooling using MongoDB and Microsoft Power Automate, eliminating repetitive daily tasks and freeing engineering capacity for product development.

## EDUCATION

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### MSc, Artificial Intelligence and Machine Learning

*September 2025 – Present*

University of Birmingham Dubai | Dubai, UAE

- Postgraduate Chancellor's Academic Merit Scholarship
- Student Representative and Student Staff Forum Co-Chair

### BEng, Computer Systems Engineering | GPA: 4.0

*September 2021 – June 2024*

Middlesex University Dubai | Dubai, UAE

- Top Graduating Student — BEng Computer Systems Engineering, Class of 2024
- Academic Excellence Scholarship and Ambassador Award
- President, Middlesex Computing Society
- Final Project: SortiMate — AI-powered automated waste sorting robot

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## CERTIFICATIONS & PROFESSIONAL DEVELOPMENT

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- Node.js Essential Training — LinkedIn Learning (June 2022)
- The Complete Flutter Development Bootcamp with Dart — Udemy (July 2022)
- HTML, CSS and JavaScript for Web Developers — Johns Hopkins University (May 2019)

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## KEY ACHIEVEMENTS

<b>UAE Golden Visa Award</b>	Awarded the UAE Golden Visa under the outstanding student category. Allowing me to stay and work in the country without visa for the next ten years. 2025
<b>2× Robotics Competition Winner</b>	1st Place — Emirates Robotics Competition (Dubai Future Foundation / RIT / Khalifa University), 2023 & 2024