MOHAMMED KHARZOM

PROFESSIONAL SUMMARY

Innovative and versatile senior software engineer with over **7 years of experience** in backend architecture, API integrations, DevOps, and full-stack development across multinational teams. Dual master's degrees in Mechatronics and Automation Engineering provide a strong foundation in software-hardware integration. Currently leading backend/API development at HTG, delivering high-availability systems for major brands like Tealive, Baskbear, AEON, and CollectCo. Proficient in **Laravel**, **.NET Core**, and scalable service-oriented architecture for developing robust software solutions. Adept at deploying containerized applications via AWS and Docker, ensuring secure internal API communication through token-based systems. Experience as a former university instructor and corporate trainer fuels a passion for teaching, team growth, and continuous improvement in tech delivery.

WORK HISTORY

Senior Software Engineer, 07/2023 to Current *(1 year 9 months)*
HTG - Honest Tech Guys – Malaysia

• Designed and deployed modular API systems for major Malaysian brands in the F&B and logistics industries
• Implemented an internal **(Laravel/.Net)**-based API Gateway with modular service groups, separate validators, and shared helper functions
• Led integration of third-party payment and logistics services including eGHL, RazerPay, GrabExpress, and Xilnex
• Architected and deployed scalable Docker containers across AWS (EC2, RDS) with custom load balancing strategies
• Mentored junior developers and participated in architectural planning sessions
Key Projects: AEON, Tealive, Baskbear, CollectCo, GRB, SNT, ePay

Backend Developer, 02/2023 to 01/2024 *(1 year)*
SmartWork – Turkey

• Developed **Laravel**-based backend services for healthcare systems with strong focus on performance, usability, and data security
• Collaborated with frontend engineers to maintain seamless integration and real-time sync between UI and backend
• Handled database optimization and API versioning
Project Highlight: Maltepe Hospital Website

CONTACT
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SKILLS
PHP - Laravel
C# - .NET Core
Vue.js 3
React
Next.js
Tailwind CSS - Bootstrap
AWS (EC2, S3, RDS)
Docker
GitHub Actions
Elasticsearch
MySQL – MariaDB - SQL Server
Stripe – PayPal
eGHL – RazerPay
Shopify – Lazada – Magento – TikTok - Shopee
Lalamove – GrabExpress - PandaGo
RESTful APIs
Modular Services
OOP
MVC
TDD
Agile (Scrum/Kanban)
Team Leadership
Communication
Problem Solving
Documentation

Software & Hardware Developer, 06/2016 to 09/2022 *(6 years 4 months)*

BarcodeGate – Dubai / Syria

• Started as IT technician supporting POS and access control systems; promoted to full-stack software developer

• Developed an in-house maintenance ticketing system **(Laravel)** to automate hardware support processes and reduce manual overhead

• Worked directly with hardware software integration **(.Net)** teams to deliver complete software-hardware automation workflows

C++ and Java Instructor, 05/2021 to 10/2022 *(1 year 4 months)*

Damascus University – Syria

• Volunteered as a programming instructor for undergraduate students, focusing on **(OOP)** principles and Java Swing.

• Created a student innovation circle to develop real-world projects including desktop games and business applications

Projects: Alien vs. Zombies Console Game, Java Swing Tools, Mentorship Platform

EDUCATION

• M.S. in Mechatronics Engineering, University Malaysia Pahang, Malaysia | 2023 – 2025 (In Progress)

• M.S. in Automation Engineering, Damascus University, Syria | 2018 – 2022

• B.S. in Computer and Automation Engineering, Damascus University, Syria | 2011 – 2017