

Mustafa Taha

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Profile

AI Engineer & Full-Stack Developer with expertise in designing and deploying scalable AI and web applications. Proficient in reinforcement learning, computer vision, NLP, and time-series forecasting using PyTorch, TensorFlow, and Hugging Face. Skilled in MERN, Spring Boot, Django, Flutter, AWS, and Docker. Delivered impactful solutions, including autonomous drone navigation, traffic OCR systems, and scalable social/e-commerce platforms.

Technical Skills

- **AI/ML:** PyTorch, TensorFlow, Hugging Face, Scikit-learn, OpenCV, RLib
- **Programming:** Python, Java, JavaScript, Dart, Bash, C, Assembly, Verilog
- **Full-Stack:** React, Node.js, Express, Django, Spring Boot, REST APIs, JWT
- **Databases:** MongoDB, MySQL, SQLite, Firebase
- **Mobile:** Flutter (Dart)
- **DevOps/Cloud:** Docker, AWS, Git, CI/CD, Postman, Socket.IO
- **Systems:** Linux, Networking (TCP/IP, VPNs, VLANs)

Professional Experience

- Freelance AI & Full-Stack Developer** – Self-Employed — Remote *Sep 2024 – Present*
- Built AI-powered and full-stack applications for international clients.
 - Designed and deployed web/mobile solutions using MERN, Spring Boot, Flutter, and AWS.
 - Conducted data analysis and built ML models for real-world insights.
 - Collaborated with clients to deliver tailored, high-quality solutions.
- Technical Support Specialist** – Bent One (BCI Group) — Ramallah *Mar 2025 – Apr 2025*
- Resolved network/system issues, improving reliability and uptime.
 - Trained junior agents, cutting escalations by 30%.
- Commercial Intermediary** – Self-Employed — Ramallah *Sep 2020 – Mar 2024*
- Managed annual trade volume of 80M+ ILS between companies.
 - Negotiated contracts, coordinated logistics, and resolved conflicts.
- System Administrator** – Exalt Technologies — Ramallah *Jul 2018 – Nov 2019*
- Automated system tasks and supported CI/CD workflows.
 - Configured VPNs, VLANs, and Dockerized environments.

Selected Projects

AI & ML

Reinforcement Learning Projects (*Python, PyTorch, RLib, Hugging Face*) [[GitHub](#)] Trained RL agents (DQN, PPO, A2C, SAC, HER) for robotics, drones, and multi-agent systems. Benchmarks: PandaPickAndPlace, Drone Navigation, SoccerTwos, Atari. Published models on Hugging Face.

FoodApp – Image Classification (*Python, PyTorch, Flask, CNN/ViT*) [[GitHub](#)] Achieved 93% accuracy for food recognition using CNN/ViT; deployed as Flask REST API.

Traffic Monitoring System – Car Detection & OCR (*Python, OpenCV, YOLO*) [Private] Real-time detection of vehicles & license plates with YOLO; integrated with live dashboards.

Smart E-commerce Recommender (*Python, Flask, Scikit-learn, MySQL*) [[GitHub](#)] Built AI recommender using association rules & forecasting; integrated with WooCommerce.

Deep Learning Projects (*PyTorch, TensorFlow, Hugging Face*) [[GitHub](#)] 15+ DL projects: BERT for NLP, LSTM for sentiment, CNN for CIFAR-10/MNIST.

Full-Stack

LinkUp – Social Media Platform (*MERN, Socket.IO, AWS*) [\[GitHub\]](#) Real-time platform with posts, messaging, notifications, and online presence; deployed on AWS EC2.

PalRent – Apartment Booking System (*Spring Boot, MySQL*) [\[GitHub\]](#) Multi-role booking system with Spring Security and MySQL persistence.

Istanbul Mall – E-Commerce Platform (*MERN, Flutter, AWS*) [\[GitHub\]](#) Cross-platform e-commerce (React web + Flutter mobile) with payment integration and AWS deployment.

Education

Full-Stack Developer Certificate – AXSOS Academy / Coding Dojo — Ramallah *Apr – Sep 2024* 1200+ hours intensive training; delivered 3 Agile team projects.

B.Sc. Computer Engineering – Birzeit University — Ramallah *2013 – 2018*

Certifications

• Deep Reinforcement Learning – Hugging Face	Aug 2025
• AI/ML with Real Graduation Project – Hsoub Academy	Aug 2025
• Django Masterclass: Build 9 Projects – Udemy	Jun 2025
• Networking Fundamentals for CCNA – Udemy	May 2025
• Cisco DCAIE: AI on Cisco Infrastructure – Cisco	Apr 2025
• Flutter & Dart: The Complete Guide – Udemy	Jan 2025
• DevOps Certification – Manara	Dec 2024
• Flutter Bootcamp with Dart – Udemy	Oct 2024

Languages

Arabic (Native), English (Advanced)