

# Ammar Hany

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## Summary

Dynamic Software Engineer approaching senior level, with 4 years of experience in full-stack development, backend engineering, and system architecture. Proficient in **Python (Django & Flask)**, **C# (ASP.NET)**, **JavaScript (ExpressJS, NextJS)**, and **WordPress**, crafting scalable APIs and cross-platform applications. Experienced in Agile workflows and CI/CD pipelines using Git, Docker, and Kubernetes. Adept in cloud platforms like **GCP & Azure** and skilled in managing databases such as **MySQL, PostgreSQL, and Firebase**. Proven success in deploying AI models and optimizing cloud environments.

## Experience

### Digital Solutions Architect | The Home Co EG

Egypt | 04/2025 - Present

- Leading digital transformation (Google Workspace, ERP/CRM, internal systems).
- Deployed an enterprise **Pricing System in Next.js + PostgreSQL** improving quotation speed and accuracy by 40%.
- Driving company e-commerce strategy with **Next.js + Shopify API** integration.

### Product Engineer | Domogreen

Lund, Sweden | 07/2024 – 04/2025

- Built a **real-time Django REST API with WebSockets** for physics research projects.
- Developed a cross-platform **Flutter chatbot** connected to backend services.

### Part-time Technical Lead | Kiwify Tech Company

Mersin, Turkey | 06/2024 – Present

- Delivered **10+ full-stack projects** using ASP.NET, WordPress, Flutter.
- Managed hosting, domain, server administration, and email infrastructure.

### Product Engineer | Animals AI

Helsingborg, Sweden | 08/2023 – 04/2024

- Developed **30+ CV models and 50+ algorithms** for precision agriculture.
- Built company backend in **Flask + GCP + Firebase**, serving live research data.
- Designed an **AI/IoT Jetson camera system**, reducing detection error rates by 20%.
- Mentored interns and collaborated with researchers and farmers.

### IT Infrastructure Intern | Toros University

Mersin, Turkey | 07/2022 – 09/2022 & 03/2023 – 07/2023

- Provided IT support, managed servers and network infrastructure.

### Freelance Full-Stack Web Developer

Mersin, Turkey | 09/2021 – 09/2022

- Developed full-stack websites and optimized SEO, in collaboration with marketing agencies

## Education

### Toros University | B.Sc. in Computer and Software Engineering

Mersin, Turkey | 09/2019 – 07/2023

- Graduated 1st in department & faculty, **GPA: 3.77/4.00**
- Served on Computer Sciences Community board.

## Skills

- Backend:** Python (Django, DRF, Flask), C# (ASP.NET Core), Go (Gin), Node.js (Express.js), Shopify API, PHP (Laravel)
- Frontend:** Next.js, React, Tailwind CSS, WordPress (Elementor, Pods), C# WPF, Shopify, Wix
- Databases:** PostgreSQL, MySQL, MSSQL, SQLite, Firebase/Firestore, Neon
- AI & CV:** PyTorch, OpenCV, YOLO, TensorFlow, Scikit-learn
- Cloud & DevOps:** GCP, AWS, Azure, Digital Ocean, Firebase, Docker, Kubernetes, GitHub Actions, Linux, VPS, cPanel/WHM, Nvidia Jetson
- Languages:** English (C2), Arabic (Native), Turkish (B2), Swedish (A1)