Hamzah Darwish

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Senior Software Engineer with over 10 years of experience in designing and developing web applications, APIs, and mobile solutions for FinTech, EduTech, and SaaS platforms.

Work Experience

Senior Software Engineer

Astel Ventures

May 2025 - Present

Dubai, United Arab Emirates

- Actively contributing to the platform rebuild, supporting the Product Board, and leading hands-on development.
 (VueJS/Django)
- Introducing and implementing modern Product Development and Software Engineering practices across the team.
- Maintain, enhance and debug on the live product. (VueJS/Django)
- Enhance LLM usage and maintain through model updates within the product.

Senior Software Engineer

Equevu

June 2021 - May 2025

Abu Dhabi, United Arab Emirates

- Leading the technology department from planning to MVP to successfully launching the product. (Django/React)
- Integrated with many service providers, such as the National Identity Provider (UAE PASS), WealthTech service provider (AllFunds) and EKYC provider (Onfido) to automate business processes.
- Product Owner and Senior Software Engineer for the main product; the Workplace Savings Solution, driving the design, development, and scaling of the product. (Django/Next)
- Development and planning of the Equevu Mobile application for Employees using Flutter.
- Implemented compliance checks and measures to ensure adherence to industry regulations and company policies, mitigating risks and ensuring compliance with relevant standards.
- Lead the creation of a sub-product for Equevu, a report generation tool for IFRS standardized reports for End of Service.
- Planned and led the refactoring of the product to enable it as a SaaS solution offering; with white labeling, opening a new line of business for the company.
- Mentor and upskill team of 3 Software Engineers, conduct one on one's along with

Senior Software Engineer / Lead

Liwwa

Oct 2019 - June 2021

Amman, Jordan

- Manage and oversee the development team (4 Engineers + 1 QA Engineer) through AGILE practices, along with mentoring, knowledge sharing and guiding the team.
- Implemented the CRIF API integration reducing monthly inquiry costs by 30% and improving credit decision processing time by 10%. (Flask / XML)
- Lead maintaining & enhancing the internally built LMS (Loan Management System). (Flask)
- Lead maintaining & enhancing the Marketplace (Customer Loan Investment Platform for Investors) (Flask/React)
- Proposed and Implemented the upgrade to React from Backbone.js.

Amman, Jordan

- Lead a small team of 3 engineers on various workstreams (External Integrations / Internal Applications).
- Lead the company's internal tools for operations and customer care, to manage and help our customers, by building
 an admin panel to onboard customers, manage their subscriptions and account configurations.
- Supported in building and launching POSRockets Developer Portal, (exposing the system through an API Gateway to
 integrate with the POSRocket infrastructure and creating documentation), providing an application store for our
 customers to use and install (e.g. Reporting/Food Delivery/Accounting/Analytics).
- Lead Engineer & Contact in integrating Zain (Telecommunication company) with POSRockets system, where Zain became a reseller directly connected with POSRocket.

Founding Software Engineer

WashyWash

Oct 2017 - Aug 2018

- Amman, Jordan
- Built and maintained the customer facing site (Static + Web shop), enhancing and maintaining the Admin panel (back office management) for managing and optimizing operations. (Laravel Lumen/OpenCart CMS).
- Built and maintained restful APIs for the <u>WashyWash</u> native mobile applications (Customer and Internal mobile applications). (Laravel Lumen)
- Oversaw usage of our technology to optimize and enhance different parts in the company's operations (delivery optimization/Item tracking/notification system for workers) - operations enhancement.

FullStack Engineer

SITech

Sep 2015 - Oct 2017

Amman, Jordan

- Maintained and enhanced the LMS (<u>edx.org</u>) for <u>doroob.sa</u>, an eLearning platform for upskilling the Saudi workforce from the Human Resources Development Fund. (Diango/edX)
- Built the initial <u>Ureed.com</u> platform; a platform for freelancers in the MENA region. (DRF/Angular)
- Built the Queen Rania Teachers Association (QRTA) eLearning platform, a platform for upskilling and accrediting teachers in Jordan, through the edX LMS. (Diango/edX)
- Built <u>Robu.io</u>, a financial strategy software that improves cash flow visibility and provides critical insight on performance. (Django)

Technologies and Languages

- Languages: Python, JavaScript, TypeScript, Bash, PHP, SQL
- Technologies: Django/Flask, SQL Databases, Postgres, Cloud (AWS/GCP/Digital Ocean), VueJS, React, Next, NSQL Databases, Tailwind, Cement, Laravel/Lumen.
- Other: Prompt Engineering, Agent Development, JIRA/Linear, Figma

Projects

• Revamped <u>washywash.com</u> - Rebuilt the frontend site with Next and deployed Strapi as a CMS.

- **TuneTrade** Website that allows you to search and purchase songs from a playlist on various streaming platforms. (In Development)
- **StreamTransfer** (Release in August) Transfer playlists and preferences between streaming platforms.

Other Sections

- Advisory
 - o <u>Vamu.io</u> CyberSecurity Compliance Startup
 - LynxBit CryptoCurrency Exchange
 - o <u>hojoozat.com</u> Event management Startup.
 - o <u>WashyWash.com</u> Laundry and cleaning solutions startup.
 - o <u>rydo.ae</u>
- Partner at Alt Orient, a record label for contemporary alternative eastern music.