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6+ years building backend systems for e-commerce, SaaS and fintech, as the first engineer at a startup and inside teams of 150+. I build systems that keep running after launch. The ATM switch below ran through a national outage with zero data loss.

Skills

Languages: PHP, JavaScript, TypeScript, Python
Frameworks: Laravel, Symfony, Node.js, NestJS, Adonis, Vue.js
Databases: MySQL, MariaDB, PostgreSQL, Redis
Infrastructure: Docker, Kubernetes, AWS (EC2, S3, RDS, Lambda), Google Cloud, ElasticSearch, Grafana, Nginx
Tools: Git, CI/CD, REST APIs, PHPUnit, Jest, RabbitMQ

Experience

Sr. Software Engineer, AD Tyres International, Dubai, UAE

December 2024 to present

- Built a warehouse management system from scratch. It covers orders, cross-border invoicing, payment and shipping integrations, and the API layer. It handles hundreds of thousands of SKUs and passed six figures in orders within two months. We were a team of three and I built most of it
- Integrated with a French warehouse logistics system for inventory movements, picking, packing and shipment tracking

Sr. Software Engineer, MediaSlide, Dubai, UAE

April 2024 to November 2024

- Built product features end to end on a SaaS platform. I took each one from requirements with product and design to deployment
- Integrated the Eurosign e-signature system so clients could send invoices and collect legally binding signatures without leaving the app
- Traced production bugs across services to their root cause and fixed them there, so they did not come back

Sr. Software Engineer, Salla, Riyadh, Saudi Arabia

September 2023 to April 2024

- Built the integration between Salla, the largest e-commerce platform in KSA with 50K+ merchants, and a major advertising provider. It syncs data both ways in real time and retries when the third party fails. I shipped it on schedule with full technical documentation
- Built a Google Analytics dashboard inside Salla so merchants see traffic, conversion and revenue without leaving the platform or opening a separate analytics tool
- Fixed slow database queries in the marketing module that timed out at peak hours
- Raised test coverage in the marketing module from 12% to 80% and refactored the legacy code I touched to cut coupling between classes

Founding Engineer, Madfox, UAE and Syria

June 2019 to September 2023

Joined as the first engineer and built the core infrastructure over four years, across fintech, e-commerce and logistics.

- Designed and built a virtual ATM switch that connects ATMs to core banking. Two of the largest banks in Syria ran it during a national infrastructure outage. Every layer had failover, so no transaction could get stuck halfway. It handled thousands of transactions a day with zero data loss
- Built a scraper that processes 300 items a minute for a large South African e-commerce platform. It handles rate limits, rotates proxies, retries failures and validates data before it reaches the database. It replaced a fully manual process
- Designed MySQL and PostgreSQL schemas and indexes for tables with millions of rows, and tuned the queries that ran against them
- Mentored junior developers on design patterns, testable code, code review and CI/CD
- Ran several projects at once, each from requirements and specs to deployment, monitoring and maintenance

Projects

The Yard, theyard.dev. A developer tools platform with 75+ tools. It has no backend. Every tool runs in the browser, so user data never leaves the machine. It grew through developer communities to thousands of monthly users.

AMASyria, amasyria.com. The Archive of Modern Architecture in Syria, a platform for researching and documenting 20th-century Syrian architecture.

EUDR PHP Client, GitHub. An open-source PHP client for the EU Deforestation Regulation API, which every company importing commodities into the EU has to use. It handles the WS-Security authentication so teams don't write it themselves, and it works with any PHP framework.

Education

B.Sc. Software Engineering, Damascus University

2017 to 2020