

# MOHAMMAD YOSEF

Full-Stack Developer · Founder of PyMaster · B.Sc. Computer Science (2026)

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## SUMMARY

Full-stack engineer who ships production software to paying customers. Final-semester CS student at the University of Haifa and founder of **PyMaster**, a dev studio serving 10+ paying clients; built **Linkna**, a SaaS that onboarded 10 paying businesses in its first week. Strong across React / Next.js / TypeScript and Python / Node back ends, with hands-on LLM integration, automation, and web security research (Intigriti). Produced my town's largest hackathon (160+ participants) and delivered 300+ CS lessons. Seeking a full-time engineering role where founder-level ownership and shipping speed are assets.

## EXPERIENCE

### Founder & Lead Engineer — PyMaster · [pymaster.mryosef.com](https://pymaster.mryosef.com) 2024 – Present

- Grew a software studio to **10+ paying clients**; architected and shipped production systems end-to-end — smart inventory, multi-role logistics & delivery, booking platforms, a private education platform, and gym management.
- Built and launched **Linkna** ([linkna.org](https://linkna.org)), a link-in-bio SaaS with marketplace, digital menus, and order management — **10 paying businesses in week one** (Next.js, TypeScript, MongoDB, Clerk).
- Own the full delivery cycle — discovery, scoping, architecture, development, deployment, post-launch support — while leading and reviewing student dev teams.
- Designed and delivered AI education at scale: a **120-hour Arabic AI curriculum** for teachers and a “Vibe Coding” program for high-school students.

### Founder & Lead Organizer — Arraba Hackathon · [arrabahack.mryosef.com](https://arrabahack.mryosef.com) 2025

- Founded, fundraised, and produced the town's first and largest tech event: **160+ students, 50+ senior mentors**, 14 hours, 20,000 NIS prize pool — fully sponsored by Arraba Municipality, Hasoub, Clalit, Mercantile Bank, NorthMed, Haat, and the Ministry of Culture & Sport.
- Built the event's internal web platform end-to-end (applications, team formation, judging, live ops); featured as an invited guest on Radio Makan.

### Security Researcher (Bug Bounty) — Intigriti 2025 – Present

- Web-application security assessments on live programs, including media and banking engagements — structured recon, vulnerability analysis, and responsible disclosure under strict scope rules.

### Programming Instructor — PyMaster / Private 2022 – Present

- Delivered **300+ one-on-one lessons** to university students nationwide in Python, Java, C/C++, algorithms & data structures, with personalized project-based curricula.

### Campus Director, University of Haifa — Hasoub 2022 – 2025

- Led the campus chapter for 3 years: workshops, meetups, and accelerator outreach for Arab students in tech and entrepreneurship.

## SELECTED PROJECTS

**Dexpress — multi-role logistics platform** · [github.com/J0kErF/dexpress](https://github.com/J0kErF/dexpress) — admin / courier / vendor dashboards with shipment routing, filtering, and live map operations. [Next.js](#) · [Leaflet](#) · [MongoDB](#)

**PCL Radar — passive radar research & simulation suite** · PyMaster R&D — passive coherent location concept for drone detection: academic paper plus Python signal-processing simulations and test suite. [Python](#) · [NumPy](#) · [SciPy](#)

**Mikiyal — AI dataset bias detector** · Hasoub Accelerator — NLP tool that scans training datasets for potential bias and flags ethical concerns. [Python](#) · [Pandas](#) · [NLP](#) · [Streamlit](#)

**AC Parts Inventory — production inventory system** · [github.com/J0kErF/sam-admin](https://github.com/J0kErF/sam-admin) — live system for an A/C spare-parts business: fast search, image uploads, role-based access. [Next.js](#) · [Clerk](#) · [MongoDB](#) · [Cloudinary](#)

**Unix Shell in C — systems programming** · [github.com/J0kErF/Simple-Unix-Shell](https://github.com/J0kErF/Simple-Unix-Shell) — minimal shell supporting piping, redirection, and built-in commands. [C](#) · [Unix](#) · [Makefile](#)

## TECHNICAL SKILLS

**Languages:** Python, TypeScript, JavaScript, Java, C, C++, C#, SQL

**Web / Full-Stack:** React, Next.js, Node.js, Express, Flask, Django, REST APIs, Tailwind, shadcn/ui, Framer Motion

**Data / Infra:** MongoDB, Firebase, Clerk (auth), Docker, Linux, Git & GitHub, Vercel, CI/CD

**AI / Automation:** LLM integration & agentic workflows, prompt engineering, Python automation, Pandas, NLP, Streamlit

**Security:** Web-app security testing, recon & responsible disclosure (Intigriti bug bounty)

## EDUCATION & LANGUAGES

**B.Sc. Computer Science** — University of Haifa, expected 2026 (final semester)

**Languages:** Arabic — Native · Hebrew — Professional · English — Professional