Ibrahim Hafez

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EDUCATION

University of St Andrews — Master of Science in Software Engineering

St Andrews, Scotland | Sep 2025 – Sep 2026 (Expected)

- Focus: Advanced Software Engineering, Distributed Systems, Data Structures & Algorithms

Syrian Private University — Bachelor of Software Engineering

Damascus, Syria | Aug 2017 – Feb 2023

- Key coursework: Software Engineering Principles, Database Systems, Computer Networks, Operating Systems.

PROFESSIONAL EXPERIENCE

Software Engineer (Part-Time, On-site) — Wrap Co LTD

Coatbridge, Scotland | Nov 2024 – Present

- Led development of a secure multi-tenant franchise platform; implemented RBAC and tenant data isolation using Node.js/NestJS and Prisma.
- Partnered with stakeholders to align technical roadmap with business goals and compliance needs.
- Designed and optimized database schemas (MongoDB/PostgreSQL) to support scale and per-tenant performance SLAs.
- Drove code reviews and security checks (auth flows, input validation); reduced vulnerabilities and improved reliability.

Full-Stack TypeScript Developer (Remote) — Disruptem

Toronto, Canada | Apr 2023 – Oct 2024 (Full-Time)

- Designed and shipped REST APIs with TypeScript/Node.js; improved data-layer throughput and flexibility.
- Built feature-rich Next.js/React UIs; increased engagement via performant components and UX refinements.

- Contributed to Agile ceremonies; mentored junior developers on testing, Git workflows, and code quality.

Full-Stack TypeScript Developer (On-site) — Poslix

Muscat, Oman | Feb 2023 – Apr 2023 (Full-Time)

- Delivered a progressive referral system using TypeScript, React, and Node.js.
- Built a real-time analytics module; contributed to measurable uplift in user engagement.
- Integrated Prisma with MongoDB for robust data modeling and developer productivity.

React Developer (On-site) — Nextinuous

Damascus, Syria | Jan 2022 – Aug 2022 (Full-Time)

- Developed reusable React components and front-end libraries (Styled-Components, Tailwind).
- Implemented state management with Redux Toolkit; optimized performance across devices and browsers.
- Translated designs into high-quality code; debugged and resolved UI issues.

SELECTED PROJECTS

- Crowdfunding DApp — Solidity/Smart Contracts, React, Web3: On-chain campaign creation and funding. https://github.com/IbrahimHafez99/crowdfunding-blockchain-based
- E-commerce MERN App — MongoDB, Express, React, Node: Product catalog, cart, and checkout flows. https://github.com/IbrahimHafez99/sycards-mern

TECHNICAL SKILLS

Languages: TypeScript, JavaScript, HTML, CSS, SQL, C++, Java
Front-End: React, Next.js, Redux Toolkit, Context API, Styled-Components, Tailwind CSS, MUI
Back-End: Node.js, Express.js, NestJS, REST APIs, RBAC, Authentication/Authorization
Databases: MongoDB, Mongoose, Prisma, PostgreSQL
Tools: Git, GitHub/GitLab, React Query, SWR, Axios, CI/CD (basic), DigitalOcean

INTERESTS

Competitive Programming, Mathematics, Web Architecture, Boxing, Weightlifting