Youssef, Software Engineer

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- **Bachelor's Degree** in Computer Science, double major in Economics.
- **+7 years** of professional software-development experience.
- Strong proficiency in **TypeScript, React, Tailwind** and **Next.js**.
- Experience with **Node.js, Python, Flask** for backend development.
- Proven experience with relational databases (**Postgres/MySQL**), including schema design, query optimization, and writing complex SQL. Non-relational databases (**Elastic Search/MongoDB**) and Caching (**Redis**).
- Experience with cloud infrastructure (**AWS**) and **CI/CD** best practices, as well as Cloud based platforms (**Planetscale, Supabase, Vercel**)
- Familiarity with **Docker**, **Kubernetes**, and virtualization solutions.
- Hands-on proficiency in deployment of application on Linux based platforms (**Redhat)**
- Ability to write clean, maintainable, well-tested code and thrive in an **early-stage startup** environment.
- Proven experience with mission critical platforms with (at max) 60 million users simultaneously.
- **IBM Champion Award** in Data & AI, by IBM US.

TM Time Auctions
2024 - 2025

Hong Kong based auction house aims to build a platform for their international customers.
My mission was to: **define product** features**, design, implement** an end-to-end platform**, oversee** the team and administration of the deployment and health of the platform

NextJS, Tailwind, React, Python, Flask, PostgreSQL, Redis, CI/CD, AWS

Bookshelved
2023 - 2024

A California (US) based startup aims to build a social media for book lovers worldwide. (acquired after 1.5 year) My mission was to **implement** the UI designs, **develop** API and end-to-end features, **scale** the platform. As well as **maintain** a distributed database infrastructure, scrape and ingest, through coding pipelines for synchronization and data replication, and recommendation algorithms.

NextJS, tailwind, React, python, Flask, PostgreSQl, MySQL, Elastic Search, Redis, Scraping, CI/CD, AWS, Supabase, PlanetScale, Vercel.

IBM Partner,
2018 - 2022

Worked as a partner of IBM in Casablanca as a Data & Middleware Engineer to implement & migrate IBM solutions to critical mission platforms in government agencies and financial institutions (banks). Technology used was IBM Websphere Application Server, HCL Portal, IBM MQ, IBM DB2, Cognos Analytics, ETL