

# Yousef Ahmad

Canadian [Portfolio](#)   Dubai, UAE  yousef@selawii.com  +971 568847902  [LinkedIn](#)  [Github](#)

## Technical Skills

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**Programming Languages:** Python, Javascript, Typescript, HTML, CSS, SCSS

**Frameworks:** Django, Django Ninja, NextJs, React

**Tools:** Minio, Celery, RabbitMQ, LavinmMQ, PostgreSQL, TimescaleDB, Zustand, TanStack, React Query, Hey API, Sentry, Vite, Astro, Git, Tailwind, Bootstrap, Shadcn, Daisiyui, Linux Arch.

## Work Experience

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### Software Engineer

*Kalvad*

*Dubai, UAE*

*10/2021 - present*

- Tech stack: Django, TimescaleDB, PostgreSQL, Celery, RabbitMQ, Django Ninja, MinIO, Docker, Sentry, JWT, React, TanStack, React Query, Hey API, Zustand.
- Collaborated in a team to develop government projects for the UAE, seamlessly integrated and utilized by over 22 Federal Entities.
- Architected a dual-database infrastructure using PostgreSQL and TimescaleDB hypertables with continuous aggregates and compression, improving time-series query performance for millions of records.
- Engineered robust asynchronous pipelines with Celery and RabbitMQ, handling 15+ scheduled jobs for data synchronization, ML model training, and large-scale exports of 1M+ rows with fault-tolerant retries.
- Developed high-performance REST APIs with Django Ninja, JWT authentication, and role-based access control, serving 20+ real-time dashboards and supporting complex multi-dimensional queries for millions of API calls.
- Implemented secure, enterprise-grade authentication and auditing, including UAEPass, 2FA, LDAP/Active Directory, API key management, and field-level audit logs for compliance and traceability.
- Optimized database and application performance through indexing, N+1 query elimination, streaming large exports via MinIO, reducing response times and downtime.
- Developed 20+ dynamic, real-time dashboards using React, Zustand, React Query, and Hey API for automatic schema generation, enabling complex multi-dimensional filtering and seamless client interactions.

## Projects

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### Minbur

[Github](#) 

- Built and designed a Skool.com-style community platform using Next.js, Django Ninja, and PostgreSQL, enabling creators to monetize content and manage memberships.
- Designed a scalable JWT-based authentication system with secure user role management across frontend and backend.
- Integrated Stripe in a staging-ready environment to support future implementation of payments, subscriptions, and revenue flows.
- Architected cloud-based file storage with MinIO (S3-compatible) for user-uploaded assets, supporting efficient media management and scalability.

## Education

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### World Islamic and Science University

*Bachelor in Software Engineering*

*Amman, Jordan*

*09/2017 - 09/2021*