ALI KEHEL

Software Engineer ⋄ Full-stack JavaScript Developer

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SUMMARY

Full-stack JavaScript developer with experience building Node.js backends and React frontends. Bachelor's degree in Computer Science (with Honors). Interested in full-time full-stack JavaScript roles.

SKILLS

Programming Languages	JavaScript, TypeScript
Backend Skills	Node.js, Express, PostgreSQL, REST APIs, Prisma ORM
Frontend Skills	HTML, CSS, React, Tailwind CSS, TanStack Query
Developer Tools	Git, GitHub, Postman, VS Code, Docker, CI/CD, Cloudflare Workers

EDUCATION

Bachelor of Computer Science, Benha University, Egypt   Oct 2019 - Jun 2023

- **Relevant Coursework:** Data Structures, Algorithms, Software Engineering, Databases, Object Oriented Programming (OOP), Operating Systems, Computer Networks and Web Development.
- **GPA:** 3.5/4.0 (With Honors).

EXPERIENCE

Full-stack JavaScript Developer   Jan 2025 - Present
Ovarc   *Full-time*

- Implemented AWS S3 file uploads with presigned URLs, enabling secure direct-to-cloud uploads.
- Integrated Stripe for credit cards and ACH bank accounts, expanding payment options for customers.
- Migrated the codebase to TypeScript, reducing errors and improving developer productivity.
- Replaced express-validator and Swagger comments with Zod and zod-openapi for a single source of truth.
- Upgraded Node.js from v16 to v24 and updated all dependencies with zero downtime.

Full-stack JavaScript Developer   Oct 2024 - Dec 2024
Naslook   *Freelance*

- Developed a RESTful API supporting user management, service/product listings, and payments.
- Built an admin dashboard for managing users, content, and analytics.
- Implemented JWT-based authentication and role-based access control for security.
- Coordinated with the mobile app developer to ensure seamless API integration.

Node.js Backend Developer   Oct 2023 - Sep 2024
Al Barq   *Freelance*

- Revamped a legacy PHP application in Node.js, improving response times.
- Implemented token-based authentication and authorization using JWT.
- Collaborated with frontend and mobile developers to integrate backend functionalities.
- Optimized database queries using indexes, reducing query execution time.
- Maintained the frontend and backend by continuously fixing bugs and adding features.

PROJECTS

Delivery Company API | [GitHub Repository Link](#)
TypeScript, Node.js, Express, PostgreSQL, Prisma ORM, DigitalOcean, Swagger, Docker

- Built a RESTful API for a delivery company to manage orders, drivers, and customers.
- Designed and implemented the database schema using Prisma ORM.
- Containerized the application using Docker and deployed it on DigitalOcean.

LMS API - Graduation Project | [GitHub Repository Link](#)
TypeScript, Node.js, Express, PostgreSQL, Prisma ORM, AWS S3, Swagger

- Built a RESTful API for an online education platform to manage courses, students, and instructors.
- Designed and implemented the database schema using Prisma ORM.
- Integrated AWS S3 to store course materials.

eCommerce API | [GitHub Repository Link](#)
TypeScript, Hono, SQL, Drizzle ORM, Cloudflare R2, Swagger

- Built a RESTful API for an eCommerce platform to manage products, orders, users, and payments.
- Utilized Cloudflare R2 for storing product images and media files.
- Documented the API using Swagger to facilitate integration with app and dashboard code generators.

eCommerce Admin Dashboard | [GitHub Repository Link](#)
TypeScript, React, TanStack Query, TanStack Router, TanStack Form, Tailwind CSS

- Built an intuitive admin dashboard for managing products, orders, users, and analytics.
- Implemented data fetching with TanStack Query to handle data between the frontend and backend.
- Integrated TanStack Form for form validation and submissions.

Active Courses Website | [GitHub Repository Link](#)
TypeScript, MDX, React, Docusaurus

- Built the website for Active Courses, Egypt's largest tech community on Discord.
- Integrated Algolia search for a faster search experience across the whole website.
- Implemented comments using Giscus backed by GitHub Discussions.

Disworse Web App | [GitHub Repository Link](#)
TypeScript, React, TanStack Query, TanStack Router, TanStack Form, Tailwind CSS

- Built the frontend of a Discord clone.
- Used a monorepo architecture for TypeScript full-stack type safety and shared types.
- Used Husky, lint-staged, and commitlint for code consistency.

EXTRA-CURRICULAR ACTIVITIES

Web Committee Vice Head
IEEE Benha University Student Branch

- Organized workshops and training sessions on web development technologies.
- Taught HTML & CSS to university newcomers.

CERTIFICATES

- **Udacity Advanced Web Development Nanodegree Program** | [Certificate Link](#)
- **Udacity Professional Web Development Nanodegree Program** | [Certificate Link](#)