YOUNES ELAOUFY

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PROFILE

Bilingual full-stack developer skilled in building responsive UIs with React/Next.js and scalable APIs with Node.js/Express. Experienced with SQL databases, AWS deployments, and Power BI for business intelligence. Known for clean code, teamwork, and production-ready delivery.

EXPERIENCE

Software Developer Intern — "Techmaze" Services, Montreal, QC |

Feb 2025 - Aug 2025

- Delivered full-stack features for client apps (Next.js, firebase, SQLite/MySQL) including auth and file uploads
- Set up AWS EC2 deploys behind Nginx; HTTPS (Certbot), systemd services.
- Designed and automated Power BI dashboards (DAX, Power Query), built SQL/Python ETL pipelines, performed statistical analysis, communicated insights to non-technical teams, and deployed solutions on AWS for reliable reporting.
- Collaborated in agile sprints: triaged tickets, wrote clear PRs, and followed through to production also closing 30+ tickets.

Other Experience — Montreal retail & food service |

Mar 2024 - Aug 2025

Kept teams coordinated during rush periods; handled customer issues in real time

SELECTED PROJECTS

Air Crashes Analysis — Interactive Dashboard — $Dash/Plotly \cdot Python \cdot Power Bl \cdot AWS \cdot Excel$

Live: URL

- Designed and implemented an ETL pipeline to clean, transform, and validate 5k+ crash records, producing accurate KPIs.
- Built an interactive map interactive map with Dash/Plotly and a complementary Power BI dashboard URL .
- Hardened for public use: systemd services, Nginx, HTTPS.

 $\textbf{VIPCinema -- Streaming \& Rentals website and mobile app} -- \textit{Html, Css} \cdot \textit{Express} \cdot \textit{SQLite} \cdot \textit{AWS} \cdot \textit{Railway} \cdot \textit{Android studio}$

Live: <u>URL</u>

- Built responsive UI, REST API, rentals & trailers; profile image uploads
- Deployed on EC2 with Nginx and HTTPS; clean routes under /VIPCinema

Loka — P2P Rentals — Next.js · Express · SQLite · AWS/Nginx ·

Live:URL

- Search & category filters; clean landing; modern listing cards (Next.js/Tailwind).
- EC2 + Nginx subdomain deploy with HTTPS (Certbot); Express/SQLite backend for auth & listings.

BeeKind — **Mobile Donations App** — React Native (Expo) \cdot Firebase

Firebase authentication, Firestore listings, image uploads.

STRENGTHS & TOOLS

Frontend: React, Next.js, TypeScript, JavaScript (ES6+), Tailwind, HTML5/CSS3, React Native (Expo)

Backend & APIs: Node.js (Express), Python (Flask/Dash), REST/JSON, SpringBoot

Data & BI: SQL (MySQL/SQLite/PostgreSQL), Power BI (DAX, Power Query, data modeling), Excel (advanced), Pandas, NumPy, Matplotlib/Plotly, data visualization, ETL pipelines, data cleaning & transformation, KPI design, exploratory & statistical analysis

Cloud & Ops: AWS (EC2/Nginx/HTTPS), Firebase, Linux, PM2, systemd, Docker, Git/GitHub, GitHub Actions

Security & QA: HTTPS with Certbot, input validation, Jest/Playwright (basics)

EDUCATION

DEC in Computer science (Techniques de l'Informatique) — Collège Universel, Montreal Advanced Mathematics Baccalaureate — Lycée Sidi Bennour, Casablanca-settat

Aug 2022 - Aug 2025 (Honours)

Sep 2020 – Sep 2023

CERTIFICATIONS

IBM : Excel for Data Analytics

Tools for Data Science

- Python for Data Science, AI, and Development

-- Data Science Methodology

-Databases and SQL for Data Science with Python -