

Fadel Hammoud

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Summary

Full Stack Developer with 3 years of experience in building scalable web applications and a strong foundation in AI, including deep learning and object detection. Proficient in Node.js, React.js, MySQL, and Docker, with recent training in ML algorithms, computer vision, and NLP. Ready to excel in software roles, including development and AI-driven solutions.

Professional Experience

Full Stack Developer | BrainKets, Tyre, Lebanon Mar 2025 – Feb 2026

- Developed and maintained backend services using **Node.js** and **Express**, ensuring robust API performance.
- Built and enhanced front-end features with **Next.js**, improving user experience and interface responsiveness by 70%.
- Managed database interactions with **MySQL**, optimizing queries for faster data retrieval by 30%.
- Utilized **Git** for version control and deployed applications on **Vercel** and **Render**, streamlining release cycles.
- Collaborated with cross-functional teams to align development with **product** and **QA** requirements.
- Planned and managed **web-app project** workflows and timelines, delivering projects on schedule.
- Led development of the HR module for the **Brain Space ERP**, increasing HR process automation.

Full Stack Developer | Innovation Alchemy, Beirut, Lebanon Sep 2024 - Feb 2025

- Developed and maintained backend services using **Node.js**, ensuring reliable server-side logic.
- Managed database interactions with **MySQL**, optimizing data storage and retrieval processes by 40%.
- Ensured application performance, scalability, and responsiveness through code optimization.
- Designed and implemented **RESTful APIs**, tested endpoints with **Postman**, and documented APIs with **Swagger**.
- Collaborated with frontend developers to integrate UI and backend features seamlessly.
- Utilized **Docker** for containerization, improving deployment consistency and scalability.
- Used **Git** for version control, maintaining code integrity and supporting team collaboration.
- Planned and managed web-app project workflows and timelines, ensuring timely delivery.

Full Stack Developer | Twellium Limited, Accra, Ghana Oct 2023 - Sep 2024

- Developed [Twi-web-app.com](https://twi-web-app.com), an analytics dashboard for purchasing and IT ticketing.
- Wrote server-side code in **Node.js**, designing **RESTful APIs** and **middleware**.
- Managed **MySQL** schemas and queries, optimizing database performance.
- Updated **React.js** templates and implemented **JavaScript**, **HTML**, and **CSS** for new features.
- Deployed applications via **cPanel** as the sole developer leading the dev department.
- Consulted with department heads to translate workflows into the app, trained staff, and gathered feedback.

Education

Lebanese International University, BEIRUT, Lebanon
Bachelor Management Information Systems

Sep 2014 - Jun 2017

Machine Learning Trainee | ZAKA AI, Remote

May 2025 - Sep 2025

Completed a 20-week Machine Learning Specialization training program to prepare for a Machine Learning Engineer position.

The program covers the following **topics**: fundamentals of Data Science, Machine Learning algorithms, Deep Learning, Computer Vision, Natural Language Processing, ML in Production, and ML in Research.

Technical Skills

Tools & Languages: *Python, PostgreSQL, AWS, MySQL, MongoDB, Node.js, Express.js, Next.js, Docker, Angular, React.js, Git / GitHub, Jira, HTML, CSS, JavaScript, TypeScript, Postman, Swagger, cPanel, phpMyAdmin, Vercel, Render, Java, Flutter.*

Packages: *Scikit-Learn, NumPy, SciPy, Pandas, NLTK, BeautifulSoup, Matplotlib, Statsmodels, Jupyter Notebook, NPM.*

Machine Learning: *Statistical Analysis, Linear/Logistic Regression, Clustering, Graph Theory, Regularisations, TensorFlow, PyTorch, Scikit-learn, Keras.*

Languages & Additional Information

- Arabic: Native, English: Fluent.