

Aimen Zairi

Software Engineer

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in My LinkedIn Profile 🐙 Github Profile

Technologies

Languages: C#, Java, PHP, JavaScript, Python.

Frameworks: .NET Web API, Blazor, .NET MAUI, Spring-boot.

Databases: PostgreSQL, MySQL, Elastic Server, Redis, MongoDB, SQLite, Cassandra.

Tools: Git, Postman, RabbitMQ, SeriLog, Linux.

Other Skills: Microservices, Deployment, Basic CI/CD, Cloud Services.

Experience

Diagnocode Solutions, Main Developer

Remote

Feb 2025 – Present

- Leading development of web applications for medical/healthcare use cases as the main developer on the team.
- Designing and building core platform features end-to-end, from architecture to deployment.

Freelance Software Engineer

Remote

Jan 2019 – Present

- Achieved **Top-Rated Freelancer** status on Upwork with a 100% success rate.
- Designed and developed a comprehensive Doctor Appointment Platform, including API, web application, and mobile application, integrating geo-localization.
- Implemented an advanced Appointment Management Suite for doctors, enhancing scheduling efficiency and patient engagement.
- Built a custom scheduling system for a social media scheduling platform.
- Developed a fast domain availability checking solution handling 1 million checks in under 60 seconds.
- Created an SEO validating API for a startup MVP, and migrated/updated internal social media & communication platforms.

PivotPoint BMS, Back-End Developer

Algeria, Sidi Bel Abbess

Dec 2022 – Dec 2023

- Trained and deployed an AI model achieving 82% accuracy in analyzing Algerian dialect.
- Contributed to a microservices architecture with CI/CD scripts to improve delivery efficiency.

Education

PhD Higher School of Computer Science (ESI-SBA), Database Query Optimization

Apr 2025 – Present

- Doctoral research focused on query optimization techniques for databases.

MD Higher School of Computer Science (ESI-SBA), Information Systems & Web / Computer Science

Sep 2018 – Jun 2023

- **Coursework:** Software Engineering & Requirements Specifications, Web Development, Database Administration, Business Intelligence, Microservice Systems and Containerization, Project Management & Scientific Research, Machine Learning and Artificial Intelligence