

# Abderraouf Zine

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## HIGHLIGHTS OF QUALIFICATION

Bringing 10 years of progressive experience across diverse domains, including web development, mobile app development, backend engineering, DevOps, and data analysis. Skilled in delivering end-to-end solutions, from concept and design to testing, implementation, and client collaboration. Dedicated to producing clean, robust, and secure code, with a focus on scalability.

## PROFESSIONAL EXPERIENCE

Software Engineer, Abbcari, October 2024-Current

Ottawa, ON, Canada

- Developed a cross-platform mobile MVP with advanced features (MCDM algorithms) resulting in a 15% increase in user engagement and a 20% reduction in user onboarding time.
- Designed and implemented a high-performance backend (tRPC, Prisma, PostgreSQL) that scales to handle 10,000 concurrent users with an average response time of under 50ms.
- Enhanced UI/UX (TypeScript, Tailwind CSS, ShadCN UI) leading to a 4.5-star average user rating and a 10% decrease in user support tickets.
- Streamlined DevOps and deployment (CI/CD) resulting in a 50% reduction in deployment time and 99.9% application uptime.
- Improved data quality and usability, enabling a 10% increase in data accuracy and faster data analysis for business decisions.
- Collaborated effectively with the team and stakeholders, contributing to the successful launch of 3 major projects and improved team efficiency.

Founder & Engineer, AuresX, April 2023-September 2024

Montreal, QC, Canada

- Developed a comprehensive business plan that secured \$50,000 in seed funding from 3 angel investors.
- Identified and successfully pitched to 15 potential investors, resulting in a successful funding round and valuable industry connections.
- Conducted thorough market research and identified target customer segments, resulting in a 25% higher conversion rate and increased customer lifetime value by 15%.
- Negotiated and secured favorable contracts with vendors, resulting in a 10% reduction in operational costs and improved resource efficiency.
- Created a strong online presence through a professionally designed website and targeted social media campaigns, resulting in a 30% increase in brand awareness and 5,000+ website visitors per month.

Full Stack Developer (Part-time), SARL Airtell, May 2019-February 2023

Algiers, Algeria

- Developed and deployed 3 web applications using HTML, CSS, and JavaScript, resulting in a 15% increase in user engagement and a 10% reduction in customer support tickets.

- Designed efficient database schemas (e.g., PostgreSQL, MySQL) that improved data retrieval speed by 20% and reduced storage costs.
- Created comprehensive unit tests for all web application components, resulting in a 10% reduction in bug occurrences after deployment.
- Researched and implemented new technologies (e.g., React, Node.js, Docker) to improve development efficiency by 15% and enhance application performance.
- Collaborated effectively with a cross-functional team, resulting in the successful delivery of 5 major projects within deadlines.
- Optimized existing code base by implementing caching mechanisms and optimizing database queries, resulting in a 20% improvement in application performance.
- Deployed web applications to production environments (AWS, Azure) with 99.9% uptime and successfully managed application scaling during peak traffic.
- Integrated third-party APIs (e.g., payment gateways, social media) to enhance user experience and expand application functionality.
- Successfully troubleshooted complex issues related to front-end, back-end, databases, and servers, minimizing downtime and ensuring application stability.
- Developed and implemented automated deployment scripts, reducing deployment time by 50% and minimizing human error.

#### Full Stack Web Developer, EURL Safety C&F, March 2018-April 2019

##### Batna, Algeria

- Designed and implemented efficient database schemas using MongoDB, resulting in a 15% improvement in data retrieval speed and a 10% reduction in storage costs.
- Successfully integrated APIs with web applications using RESTful Web Services, enabling seamless data exchange and expanding application functionality.
- Implemented robust automated testing processes (e.g., unit tests, integration tests), leading to a 20% reduction in bug occurrences after deployment.
- Effectively maintained version control systems (Git) for source code management, ensuring code stability and facilitating seamless team collaboration.
- Configured and maintained high-performance servers in a Linux environment, ensuring 99.9% application uptime and optimized resource utilization.
- Collaborated effectively with other developers in designing and implementing innovative solutions for customer requirements, resulting in increased customer satisfaction.
- Analyzed user feedback and implemented improvements to existing application features, resulting in a 15% increase in user engagement and a 10% reduction in support tickets.

#### UI/UX Designer and Developer - Freelance, Osol AI Monawara, February 2018-March 2019

##### Remote, International

- Developed user experience design strategies that resulted in a 15% increase in customer satisfaction and a 10% reduction in customer churn.
- Created detailed wireframes and high-fidelity mockups for webpages, mobile apps, and other digital products, resulting in improved user engagement and reduced development time.
- Collaborated effectively with cross-functional teams (developers, project managers, stakeholders) to ensure successful and timely implementation of design solutions.

- Designed and implemented user interfaces for web applications, mobile applications, and software products, resulting in a 4.7-star average user rating and increased user adoption.
- Created interactive prototypes of web pages and applications using HTML, CSS, and JavaScript, facilitating effective communication with developers and stakeholders and improving design iterations.
- Stayed up-to-date with the latest UI/UX trends, techniques, and technologies (e.g., accessibility guidelines, emerging design tools), ensuring innovative and user-centered designs.

Junior Web Developer - Freelance, Independent, July 2014-February 2018

Batna, Algeria

- Successfully completed 15 freelance projects for clients from diverse backgrounds, exceeding client expectations in 12 cases.
- Developed, tested, and debugged high-quality web applications using HTML5, CSS3, and JavaScript, ensuring cross-browser compatibility and optimal performance.
- Designed creative and user-friendly interfaces, resulting in increased user engagement and improved website conversion rates.
- Created custom WordPress themes from scratch, tailoring them to specific client requirements and enhancing their online presence.
- Implemented responsive design techniques, ensuring seamless user experience across all devices (desktop, mobile, tablet), leading to improved user satisfaction and website accessibility.
- Successfully deployed websites to production servers using FTP and SFTP protocols, configuring DNS settings and ensuring smooth website launches.
- Provided timely and effective technical support and troubleshooting services to clients, resolving issues promptly and maintaining client satisfaction.

## EDUCATION AND TRAINING

Master's Degree

Distributed Information Systems Engineering, University of Batna 2 - Mostepha Benboulaïd, Batna, Algeria  
July 2023

Bachelor's Degree

Information Systems And Software Engineering, University of Batna 2 - Mostepha Benboulaïd, Batna, Algeria  
July 2021

Bachelor's Degree

English Literature, University of Batna 1, Batna, Algeria May 2018

## SKILLS

### Software Development

- Full-Stack Development (React, Next.js, Node.js, Prisma)
- Cross-Platform Mobile Development (React Native, Expo)
- Backend Architecture and API Design (tRPC, RESTful APIs, PostgreSQL)
- DevOps and CI/CD (Docker, GitHub Actions, AWS, Azure)

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## Technical Expertise

- TypeScript-Driven Development
- Database Design and Optimization (PostgreSQL, MongoDB, MySQL)
- UI/UX Design and Implementation (Tailwind CSS, ShadCN UI, Figma)
- Data Analysis and Visualization (Python, Power BI)

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## Collaboration and Leadership

- Agile Development and Team Collaboration
- Stakeholder Communication and Requirement Analysis
- Cross-Functional Team Leadership

## AWARDS AND CERTIFICATIONS

- Certified AI Practitioner – Coursera
- Advanced Full-Stack Development Strategies – Online Certification
- Cybersecurity Fundamentals for Software Engineers – Coursera

## LANGUAGES

English (Fluent), French (Proficient), Arabic (Native), Russian (Beginner)

## VOLUNTEER EXPERIENCE

- **Volunteer**, 01/01/2025 - Current, **Red Cross**, Ontario, ON, Canada.
- **Member**, 07/2021 - 07/2023, **Google Developer Students Club**, Batna, Algeria.
- **Activist / Contributor**, 07/2022 - Current, Cultural Association - **Limar**, Batna, Algeria.
- **Activist / Contributor**, 04/2018 - 06/2021, Association of Sponsors of Orphans - **Khayr**, Batna, Algeria.
- **Contributor**, 03/2019, 03/2022 - An initiative: **In Front of Each House, a Tree**, Batna, Algeria.

## WEBSITES, PORTFOLIOS, PROFILES

- <https://rofazayn.com>
- <https://github.com/rofazayn>
- <https://linkedin.com/in/rofazayn>