

# Mohamed Amine Hamza

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## **Professional Summary**

Highly skilled and results-driven Tech Lead / Senior Full Stack Developer with 11 years of experience in designing, developing, and deploying robust web applications. Proven ability to optimize performance, implement DevOps practices, and lead technical teams. Expertise in a wide range of technologies. Passionate about innovation and delivering high-quality solutions that drive business growth.

## **Skills**

**Programming Languages:** JavaScript, TypeScript, C#, PHP, Java

**Frontend Frameworks:** Angular, React, Vue.js

**Backend Frameworks:** Node.js, Laravel, .NET Core, Express.js, NestJS, Symfony

**Databases:** MySQL, Microsoft SQL Server, MariaDB, MongoDB, PostgreSQL, NoSQL **DevOps:** Docker, Azure DevOps, AWS, Google Cloud, Linux/Unix Administration, IDS/IPS, VMware, GitLab CI/CD, Encryption, ELK Stack

**Other Technologies:** Redux, Rust, Web3, RESTful API Design, Microservices Architecture, System Administration, Authentication solutions, Mobile Development, LiteSpeed, Cypress, Apache, Redis, React Native, GraphQL, Solidity, Smart Contracts, cPanel

**Soft Skills:** Analytical Thinking, Active Listening, Knowledge Sharing, Continuous Learning, Initiative, Planning and Organization, Conflict Management, Mentorship

## **Experience**

### **Tech Lead / Senior Full Stack Developer**

*Bains WebDev, USA*

*01/2023 – Present*

- Optimized database performance by resolving query bottlenecks, achieving 80% faster load times
- Implemented a CI/CD pipeline using Jenkins and Docker to automate build, test, and deployment processes
- Led the migration of web application media storage to AWS S3, enhancing scalability and cost-efficiency
- maintained, and added new features to robust POS modules, enabling seamless in-store transactions and real-time inventory synchronization
- Expanded payment options by integrating new payment methods

- Streamlined server infrastructure to boost application performance and reduce maintenance overhead
- Developed and implemented new features to enhance user experience and product adoption
- **Stack:** PHP, Laravel, Docker, Elasticsearch, MySQL, DevOps, Vue.js
- **Team Leadership & Code Review:** Led a technical team, conducted regular code reviews, and mentored team members to ensure high code quality and best practices

### **Tech Lead / Senior Full Stack Developer**

*Wimobi, Tunisia*

*09/2019 – 12/2022*

- Developed full-stack applications for startups and a major enterprise (EDF)
- Optimized location-based services for Intigo by replacing Google Maps API with Open- StreetMap, reducing costs by 70%
- Implemented DevOps practices and CI/CD pipelines (GitLab) to enhance development and deployment
- Designed a versatile admin panel to manage multiple REST APIs for improved operational efficiency
- **Stack:** PHP, Laravel, Docker, Java, Node.js, GitLab CI/CD, DevOps, .NET Core, C#
- **Team Leadership & Code Review:** Managed and led a diverse team of developers, establishing comprehensive code review procedures to maintain robust and scalable codebases

### **Full Stack Developer**

*Turing, USA*

*09/2018 – 09/2019*

- Integrated Shopify and PayPal payment gateways into the Merchloop e-commerce platform
- Implemented secure payment processing and fraud prevention measures
- Developed robust API integrations between Merchloop and third-party payment providers
- Conducted thorough testing and quality assurance for payment transactions
- **Stack:** C#, .NET, Java, GitLab CI/CD

### **Full Stack Developer**

*Virus Communication*

*08/2016 – 08/2018*

- Improved website speed by implementing performance best practices
- Developed over 14 custom, lightweight WordPress themes
- **Stack:** PHP, GitLab CI/CD, MySQL/C#

### **Full Stack Developer**

*Digitka, Tunisia*

*07/2015 – 08/2016*

- Designed, developed, and maintained a real estate property publishing platform
- Created backend architecture and RESTful APIs for effective property data management
- **Stack:** PHP, Laravel, JavaScript, MySQL

### **Full Stack Developer**

*Upwork, USA*

*01/2014 – 07/2015*

- Developed a full CRM for Linkabee, managing properties, clients, and agents
- **Stack:** PHP, Laravel, JavaScript,MySQL

## Education

### Baccalaureate in Computer Science

*Mahdia High School, Tunisia*

### Bachelor in Computer Science (Incomplete)

*University of Science Monastir*

## Projects

**cbdamericanshaman** - [cbdamericanshaman.com](https://cbdamericanshaman.com)

**Stack:** PHP, VueJS, MySQL, GitLab CI/CD, Docker, Elasticsearch

- Multi-store system with franchises offering POS, inventory, and coupon features
- Reviewed and refactored code to adhere to best practices
- Planned migration to AWS and optimized the application for AWS services

**It-matched** - [itmatched.com](https://itmatched.com)

**Stack:** Node, Angular, MongoDB, Java, GitLab CI/CD, Docker

- Developed a platform matching developers with client needs
- Designed the Node.js backend and Angular frontend
- Implemented RESTful APIs and optimized the MongoDB database schema

**Les Aligneurs Francais** - [aligneursfrancais.com](https://aligneursfrancais.com)

**Stack:** PHP, MySQL, Laravel, Docker, GitLab CI/CD

- Built a platform for dentists and laboratories to manage aligner orders
- Developed backend functionality and mobile interfaces (React Native)
- Enhanced order management and data synchronization

**EDF Angular** - [edf.fr](https://edf.fr)

- Developed an internal CRM tool for managing logistics in electric grid maintenance
- Implemented customizable ticket and issue management features

**Intigo Technologies** - [my.intigo.tn](https://my.intigo.tn)

**Stack:** Node.js, MongoDB, Docker

- Created a platform similar to Uber for scooter services
- Optimized legacy code and integrated OpenStreetMap as a microservice
- Managed Docker containers and load balancing

**Merchloop Technologies** - [merchloop.com](https://merchloop.com) **Stack:** .NET,

Angular, SQL Server, Java, Azure

- Developed features for a print-on-demand platform
- Optimized application performance and scalability
- Integrated caching mechanisms and maintained secure payment processing

**Linkabee Technologies** - [linkabee.com](https://linkabee.com)

**Stack:** PHP, MySQL, Laravel

- Developed backend systems for managing properties, clients, and user permissions
- Implemented authentication/authorization and handled data migrations

**Chronobee** - [app.chronobee.com](https://app.chronobee.com)

**Stack:** PHP, MySQL, Laravel

- Designed backend functionality for user authentication, parcel management, and matching algorithms
- Implemented security measures and documented architecture and design decisions