MOHAMMEDI HADJER

Full Stack Web Developer

⚲ Blida, Algeria (Open to Relocation)

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EDUCATION AND CERTIFICATION

University Saad Dahleb   September 2016 - July 2018 Algeria

master's degree: software engineering.

University Saad Dahleb   September 2013 - July 2016 Algeria

Bachelor's degree: computer science.

Professional Summary

Full Stack Developer with **6+ years** of experience building scalable web applications for **banking, meteorology, and ERP systems**. Expertise in **Java/JEE, Python/Django, C#/.NET, and intermediate in React / Angular js**, with a proven track record in **REST APIs, database architecture, and small team leadership**. Passionate about optimizing performance and delivering secure, user-centric solutions.

Technical Skills

- **Languages :** Java, Python, C#, JavaScript (React js / Angular js Intermediate), SQL
- **Frameworks & Tools :** Spring, Django, ASP.NET MVC,Entity Framework 6 , LINQ, Java JEE, Hibernate, PrimeFaces
- **Databases :** SQL Server, PostgreSQL, SQLite
- **DevOps :** Azure DevOps basics, Maven, GitLab | Git | GitHub, SVN Tortoise
- **Testing & QA :** JUnit, pytest, Postman, Swagger, Bug Tracking, manual Testing.
- **Project management :** Agile (Scrum) basics, CI/CD basics, JIRA, Trello.
- **Methodologies :** TDD, MCV, MVVM
- **Development environment:** VS code, Jasper Report 5.6, Visual Studio, Eclipse, Netbeans, Android Studio.

PROFESSIONAL CAREER

Software Engineer | Banque Nationale d'Algérie (BNA)   *2024 – Present | Algiers, Algeria*

- Led development of a **financial reporting system** using **React.js (frontend) and C#/.NET (backend)**, reducing manual processes by **70%**.
- Integrated **Power BI dashboards** with custom APIs for real-time analytics.
- Implemented **role-based access control** for secure data handling.
- Design the application architecture and define technical specifications.
- Develop the front-end and back-end functionalities of the application.
- Test and debug the application using appropriate tools.
- Fix bugs and manage applications maintenance.
- Deploy the application to a local Microsoft IIS Server.

Tech: React.js, C# (.NET Entity framework 6), SQL Server, REST API

Software Engineer | Office National de la Météo (ONM)   *Nov 2023 – Nov 2024 | Algiers, Algeria*

- Built **climate data management APIs** (Python/Django) processing **10K+ daily records**.
- Automated meteorological message handling, improving system efficiency by **30%**.
- Develop the back-end functionalities of the application while respecting good coding practices.
- Develop new functionalities/ features and / or conducted changes to existing functionalities/ features.
- Analyze and define the needs of the meteorological teams
- Fix bugs and manage applications maintenance.

Tech : Python (Django), Angular, PostgreSQL, GitLab

Team Lead & Full Stack Developer | TrizTech   *Oct 2021 – Oct 2023 | Blida, Algeria*

- Spearheaded **ERP development** (Java/JEE) for inventory/distribution, used by **50+ clients**.
- Mentored **small team of developers**, conducted code reviews, and reduced bug rates by **25%**.
- Participate in the analysis of customer needs.
- Responsible for updates according to user requests / needs.
- Deploy the application to a local Apash tomcat server.
- Perform manual tests in collaboration with the technical team.
- Work in a team using the agile scrum method by doing weekly sprints on the JIRA / Trello platform.
- Fix bugs and manage application maintenance.

Tech : Java (Spring, Hibernate), SQL Server, JasperReports, Apash tomcat server.

Java Developer | TrizTech   *Dec 2018 – Oct 2021 | Blida, Algeria*

- Developed JEE web apps for inventory management, cutting manual errors by **20%**.
- Fix bugs and manage application maintenance.
- Deploy the application to a local Apash tomcat server.
- Perform manual tests
- Handel updates according to user requests / needs.

Key Projects

Banking & Finance Solutions

- **BNA Financial Reporting & Balance Management System**
  A centralized platform for automating financial statement generation for Algeria's national bank with role-based data access.

- **BNA Engagements Management Platform**
  Digital tracking system for government-bank agreements, streamlining compliance workflows for 50+ annual contracts.

Meteorology & Data Systems

- **AmetCDMS (Climate Data Management System) – ONM**

  Centralized system processing , ingesting and validating 20K+ daily meteorological observations from 200+ weather stations across Algeria.

- **AmetCom (Message Control System) - ONM**
  Automated pipeline for standardized meteorological messages (METAR/TAF) from global and local aviation sources.

Business Management Tools

- **TrizStock :**
  Integrated inventory, billing, and supply chain management system deployed across 50+ Algerian businesses.

- **Commercial Distribution Management System**
  End-to-end solution for route optimization, delivery tracking, and sales force automation in distribution networks.

Languages

- **English** (Professional) | **French** (Intermediate) | **Arabic** (Native)