Said **Abderrahmane**

FULL STACK DEVELOPER · DATA ENGINEER

Bidart, France - Mobility France & International

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'Those who can imagine can create the impossible.' Alan Turing

Education

ESTIA (Institute of Advanced Industrial Technologies)   *Bidart, France*

MSC. IN BIG DATA & AI   *Oct. 2024 - Nov. 2025*

- Software Engineering: Agile Methodology, Full-Stack Development, DevOps, Cloud Computing, Cybersecurity.
- Data Engineering: Big Data Management, Advanced Databases (Oracle, NoSQL, MongoDB), MLOps.
- Data Analysis: Machine Learning, Deep Learning.

USTHB (Houari Boumediene University of Science and Technology)   *Algiers, Algeria*

B.S. IN SOFTWARE ENGINEERING   *Sep. 2018 - Aug. 2021*

- Algorithms and data structures, Programming basics.
- Calculus, Linear Algebra, Probabilities and Statistics.
- Software engineering, Information Systems, OOP.

Skills

Programming	PHP, Python, Java, JavaScript, Dart
Web	Laravel, Node.js, Express, Django, React, Redux, HTML, CSS
Mobile	Flutter, React Native
DevOps	AWS, Docker, Git, Github Actions
Data Science	Machine Learning (sklearn), Deep Learning (keras), EDA (pandas, numpy, seaborn), ETL pipelines (Spark & Kafka)
Tools & Engineering	Databases (SQL & NoSQL), Linux, Agile, Figma, Cpanel, Power BI
Soft	Problem solving, Creativity, Team Spirit, Fast learner
Languages	Arabic, French (TCF C1), English

Work Experience

Full-Stack Developer   *Algiers, Algeria*

DELFIV   *May. 2022 - Sep. 2024*

- Analyzed and specified project requirements.
- Implemented and documented RESTful API server for a Data synchronsation system.
- Created and managed MySql databases.
- Conducted integration testing, performed system maintenance, and automated tasks using Python and shell scripts.
- Provided training sessions for team members and end-users.
- Collaborated with development and operations teams to deliver efficient solutions..
- Relevant Projects:
  - Data Synchronization System: Developed a backend using Laravel and MySQL, along with a cross-platform admin app (Android & Windows) in Flutter, used by 30+ clients.
  - Event Management System: Built a web app for event registration and an Android app that included a QR code scanner for virtual ticket validation and a dashboard, using Node.js, Express.js, Next.js, Flutter, and MySQL.

Technical Support Engineer   *Algiers, Algeria*

DELFIV   *Sep. 2021 - April. 2022*

- Managed and maintained databases, ensuring availability and security.
- Configured and managed ERP environments (Windows, Android, VPN, RDP).
- Automated routine tasks and streamlined processes using scripts.
- Supported end-users and resolved technical issues efficiently.

Full-Stack Development Intern   *Algiers, Algeria*

AZIMUT BUSINESS SOLUTIONS   *April. 2021 - Jun. 2021*

- Developed a multi-vendor website using Laravel, MySQL, JavaScript, Bootstrap CSS
- Used Chart.js for visualizations and integrated Stripe API for online payments
- Used agile methodology & Collaborated with an other developer.

Projects

Data Synchronization System for an ERP

LogiCloud

- Developed a data synchronization system for the Logicom ERP, centralizing data from multiple branches into a unified cloud-based database.
- Implemented a solution for real-time data integration, ensuring consistency and up-to-date analytics across branches.
- Used cloud technologies to ensure scalability and availability of the centralized data for analytical purposes.

Cloud Data Governance Application

LogiFusion

- Developed a cross-platform application for cloud data governance, enabling ERP administrators to monitor data changes, manage reference data, and visualize key information on a dashboard.
- Integrated real-time data monitoring features for improved transparency and control over cloud-based operations.
- Designed user-friendly dashboards to visualize data modifications and key metrics, improving decision-making and efficiency.

Full-Stack Application for Event Registration and Check-ins

Delfiv Events Application

- Developed a full-stack application to track visitor registrations and check-ins during Delfiv events, with an Android version built using Flutter to scan QR tickets.
- Implemented a dashboard to export the visitor list, allowing event organizers to efficiently manage attendance data.

Multi-Vendor E-commerce Platform

OpenMarket

- Developed a multi-vendor e-commerce website using Laravel, MySQL, JavaScript, and Bootstrap, with integrated Stripe API for online payments.
- Designed and implemented interactive visualizations using Chart.js, providing users and administrators with data insights.

Bus Line Supervision Project

Hupi

- Evaluated the performance of the Saint-Sébastien bus line using real-world data to forecast passenger numbers.
- Extracted and stored data in a data lake, and developed forecasting models using statistical methods and deep learning.
- Implemented time series forecasting techniques, including ARMA, ARIMA, and LSTM models.

Extracurricular Activities

Ahbab El Marda Association (Friends of the Sick)   *Ghardaïa, Algeria*

Member   *Jan. 2022 - Oct. 2024*

- Organized blood donation campaigns.
- Raised awareness through campaigns and conferences.
- Member of the statistical team of the association.

GDG (Google Developer Group) Ghardaïa   *Ghardaïa, Algeria*

Member   *Sept. 2018 - Sept. 2021*

- Organized technological events and workshops.