

# SAID ABDERRAHMANE

+33.7.44.91.68.99 ◇ Mobility France & International

[hadjsaid.abderrahmane@etu.estia.fr](mailto:hadjsaid.abderrahmane@etu.estia.fr) ◇ [linkedin.com/in/hadj-said-abderrahmane](https://linkedin.com/in/hadj-said-abderrahmane) ◇ [github.com/SaidAbderrahmane](https://github.com/SaidAbderrahmane)

## OBJECTIVE

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Software Engineer with over 2 years of experience in full-stack development. Currently pursuing a Master's degree in Big Data & AI, actively seeking new opportunities to apply my skills and contribute to innovative projects.

## EDUCATION

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**Master of Computer Science**, Institute of Advanced Industrial Technologies (ESTIA) 2024 - Expected 2025

Relevant Coursework:

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

**Bachelor of Computer Science**, University of Science and Technology Houari Boumediene (USTHB) 2018 - 2021

Relevant Coursework:

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

## SKILLS

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<b>Programming Languages</b>	PHP, Python, Java, Dart, HTML, CSS, JavaScript, TypeScript, SQL.
<b>Frameworks and libraries</b>	Laravel, NodeJS, ReactJS, Flutter
<b>Databases</b>	Oracle, MySQL, MongoDB, Firebird, SQLite
<b>Version Control</b>	Git
<b>DevOps</b>	Docker, Github Actions
<b>Machine learning</b>	SickitLearn
<b>Deep learning</b>	Keras, Tenserflow
<b>Data analysis</b>	Pandas, Numpy.
<b>Languages</b>	English (EF-SET C2), French (TCF C1), Arabic (Native)

## EXPERIENCE

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**Full-Stack Developer**

Delfiv May 2022 - September 2024

*Algiers, Algeria*

- Analysis and specification of project requirements.
- Design, development and documentation of Databases schemas & REST APIs.
- Conducted Integration tests, system maintenance, task automation using python and shell scripts.
- Provided trainings for team members and end-users.
- Collaborated with development and operations teams.
- Projects:
  - Data synchronization system : Developed a backend using Laravel, MySql and a frontend as a cross-platform admin app (Android & Windows) in Flutter, used by 30+ clients.

- Event management system: Web app for event registration and an Android app for admin (check-in and dashboard) built with Node.js, Express.js, and Next.js, Flutter, MySQL.

## Technical Support

September 2021 - April 2022

Delfiv

*Algiers, Algeria*

- Installation, maintenance, backup and restoration of databases.
- Configuration and management of ERP environment (Windows, Android, VPN, RDP).
- Network setup and configuration.
- Ensuring robust data security and compliance.
- Remote support via TeamViewer and phone assistance.
- Conducting user training and providing ongoing support to end-users

## Full-Stack Development Intern

April 2021 - June 2021

Azimut Business Solutions

*Algiers, Algeria*

- Complete development of the web application with HTML, CSS, JavaScript and Laravel.
- Used agile methodology for faster delivery.
- Collaborated with other developers

## PROJECTS

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**LogiCloud.** Developed an data synchronization system for Logicom ERP, enabling the centralization of data from multiple branches into a single cloud database, providing an analytical overview, and ensuring data integrity across different branches.

**LogiFusion.** A cross-platform application for cloud data governance, designed for ERP administrators to track data changes, manage master data, and visualize information on a dashboard.

### Delfiv Events App.

Full-stack application developed with Node.js, MySQL, Express.js, and React to track visitor registrations and check-ins at various Delfiv events.

Built also an Android application in Flutter to manage check-ins by scanning virtual tickets in the form of QR codes, with a dashboard to track and export the visitor list.

**OpenMarket.** Developed a multi-vendor website using Laravel, MySQL, JavaScript, Bootstrap CSS, Chart.js for visualizations and integrated Stripe API for online payments .

## EXTRA-CURRICULAR ACTIVITIES

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- Member of the Ahbab El Marda Association (Friends of the Sick):
  - Organization of blood donation campaigns.
  - Organization of awareness campaigns and conferences.
  - Member of the association's statistical team.
- Member of GDG Ghardaia club :
  - Organization of Tech events and workshops.