

# BACHIRI MOHAMED

## FULL STACK DEVELOPER

### CONTACT

+213665571532

bachiri-m@brandsirius.com

[www.mohamed.brandsirius.com](http://www.mohamed.brandsirius.com)

M'sila, Algeria

### SKILLS

**Front-End Development:** Bootstrap,Flutter

**Back-End Development:**  
Laravel,Dart,API,AI Integration

#### Special skills

Data Analysis,  
Problem-Solving with Deep Learning,  
Dashboard Design and Development for Websites

### EDUCATION

**Master of Computer science (computer systems)**

**University Guelma, Algeria**

2022 - 2024

**Bachelor of Computer science  
(Network And Technology Web)**

**University Guelma, Algeria**

2019 - 2022

**Senior Technician (Maintenance of computer  
and office equipment.)**

**Institut INSFP AIG, Blida, Algeria**

2014 - 2017

### LANGUAGES

English A2

Franch A2

Arabic mother language

### PROFILE

Highly skilled and detail-oriented Web Developer with extensive experience in front-end and back-end development. Proficient in HTML, CSS, JavaScript, PHP, and Laravel, with a solid understanding of design patterns and SOLID principles. Experienced in integrating APIs, developing mobile apps using Flutter, and incorporating AI-driven solutions into web and mobile applications. A dedicated and results-driven professional with a strong educational background in computer systems and web technologies, and a proven track record of delivering high-quality, efficient solutions. Passionate about continuous learning and implementing innovative ideas in technology projects.

### WORK EXPERIENCE

#### Web Developer

Algeria-Telecom, Guelma, Algeria

2020 - 2022

- **Creation of a Monitoring Application for Projects:**
  - Developed a comprehensive monitoring application to track projects from the initial study phase through to realization.
  - Implemented features for real-time progress tracking, milestone management, and resource allocation.
  - Integrated a reporting system that provided stakeholders with detailed updates and insights into project timelines, budgets, and performance.
  - Enhanced collaboration among project teams by facilitating communication and document sharing within the application.
- **Creation of a Stock Management Application:**
  - Designed and developed a stock management application to streamline inventory processes and reduce errors in movement item transactions.
  - Automated error correction mechanisms for item movements, significantly improving accuracy and reducing manual intervention.
  - Implemented a user-friendly interface for tracking stock levels, generating reports, and managing inventory across multiple locations.
  - Integrated the application with existing enterprise resource planning (ERP) systems to ensure seamless data synchronization.

#### Back-end Developer

University 8 MAI 1945, Guelma, Algeria

2021 - 2022

#### Creation And Realization Of A Virtual Library For The University:

- Implemented advanced search functionality to allow students and faculty to easily locate books, research papers, and other educational materials by keywords, authors, or subjects.
- Developed user-friendly interfaces for both administrators and users, enabling seamless catalog management, user registration, and content access.
- Automated borrowing and return processes, including notifications and reminders, to streamline library operations and improve user experience.
- Integrated digital content management systems for organizing and storing e-books, articles, and multimedia resources, ensuring efficient access and retrieval.
- Ensured data synchronization between the virtual library and the university's existing information systems, maintaining consistency and accuracy across platforms.

# BACHIRI MOHAMED

## FULL STACK DEVELOPER

### CONTACT

+213665571532

bachiri-m@brandsirius.com

[www.mohamed.brandsirius.com](http://www.mohamed.brandsirius.com)

M'sila, Algeria

### EXPERTISE

- Comprehensive experience in developing responsive and user-friendly websites using modern front-end and back-end technologies
- Expertise in implementing and integrating RESTful APIs for seamless communication between front-end and back-end systems.
- Proficient in developing cross-platform mobile applications using Flutter.
- Experience in integrating AI-driven functionalities into mobile apps
- Strong background in applying deep learning techniques to solve complex problems, including predictive analysis and data-driven decision-making.
- Demonstrated ability to manage and deliver projects within deadlines, ensuring high-quality outcomes.
- Expertise in integrating hardware with software systems, particularly in IoT environments like Raspberry Pi for real-time monitoring and control.

### REFERENCES

#### Reference Name

+213665571532

bachiri-m@brandsirius.com

### WORK EXPERIENCE

#### Data Science

Algiers refinery , Algier, Algeria 2024

##### *Solving a Monitoring Problem Using Deep Learning:*

- Identified and analyzed the specific monitoring challenges faced in the industrial environment, including the need for accurate and timely detection of anomalies in equipment and processes.
- Developed and implemented a deep learning-based solution that utilized advanced neural networks to predict potential issues before they occurred, improving the reliability and efficiency of the monitoring system.
- Trained the deep learning model on historical data collected from sensors and machinery, enabling the system to recognize patterns associated with normal and abnormal operating conditions.
- Integrated the deep learning model with the existing monitoring infrastructure, allowing for real-time analysis and automated decision-making to prevent potential failures.
- Improved predictive accuracy through iterative model refinement and hyperparameter tuning, leading to a significant reduction in false positives and missed detections.
- Collaborated with a cross-functional team to ensure that the solution was scalable, robust, and easily adaptable to other monitoring applications within the organization.

#### senior technical

RBS , Algier, Algeria 2017 - 2019

##### *Repairing PDA And TPE Equipment And Computers And Printers:*

- Diagnosed and repaired a wide range of technical issues in PDA (Personal Digital Assistant) and TPE (Terminal de Paiement Électronique) equipment, ensuring that devices were fully operational and met industry standards.
- Performed hardware and software troubleshooting on computers and printers, identifying the root cause of malfunctions and applying effective solutions to restore functionality.
- Conducted routine maintenance and updates for PDA, TPE equipment, computers, and printers, preventing potential issues and extending the lifespan of the devices.
- Replaced faulty components and upgraded systems as needed, enhancing the performance and reliability of the equipment.
- Provided technical support and guidance to users, ensuring they were able to operate the devices effectively and efficiently.
- Documented repair processes and maintained records of all services performed, ensuring accurate tracking of equipment history and facilitating future maintenance.
- Collaborated with suppliers to source and replace defective parts, ensuring timely repair and minimal downtime for essential equipment.

#### web developer

Spl-it infortmatique , Algier, Algeria 2022

##### *Develop project in e-commerce using laravel:*

- Built an e-commerce platform with Laravel, including product management, user authentication, and secure checkout.
- Integrated Stripe and PayPal, and implemented real-time inventory and order tracking.
- Enhanced performance with Laravel's Eloquent ORM and security measures, ensuring a responsive and reliable user experience.