

DJEGHABA MOHAMMED BAHA EDDINE

State Engineer in Networks and Artificial Intelligence / Master's Degree in Telecommunications

Address: Birtouta, Alger, Algeria

Phone: 0656 70 87 66, **E-mail:** djeghabamohammedbahaeddine@gmail.com

Age: 24 years, **Driver's License:** B, **Marital Status:** Single

PROFIL

I am a State Engineer in Computer Science, specializing in Networks and Artificial Intelligence, and hold a Master's degree in Telecommunications. I have in-depth expertise in industrial networks and communication technologies. I have designed robust network architectures and implemented advanced protocols to ensure the reliability and performance of systems. I have developed secure web, mobile, and IoT applications, integrating artificial intelligence solutions to meet the evolving market demands.

Through data analysis and machine learning, I optimize infrastructures while anticipating and mitigating cybersecurity risks. My background has enabled me to manage innovative technological projects, integrating electronics, signal processing, automation, and telecommunications, with a focus on security, performance, and innovation.

Passionate about solving complex problems, I design intelligent and resilient solutions to address today's industrial and digital challenges.

EDUCATION

State Engineer Degree in Computer Science: Networks and Artificial Intelligence (2024)

National School of Renewable Energies, Environment, and Sustainable Development – Batna

Master's Degree in Telecommunications (2024)

National School of Renewable Energies, Environment, and Sustainable Development – Batna

National Engineering Schools Access Exam (2021)

Applied – Tlemcen

Passed after two years of preparatory classes

Baccalaureate: Experimental Sciences (Honors - 2019)

Private Candidate (2019)

PROFESSIONAL EXPERIENCE

Computer Engineer | Sofinance SPA Leasing Bank, January 2025 – Present

- Developed a project dedicated to the commercial service to centralize client simulations, facilitate offer management, and enhance commercial decision-making.
- Implemented a project for securing information, including integrating advanced security solutions and setting up protocols to ensure data confidentiality and integrity.
- Collaborated closely with business and technical teams to ensure the seamless integration of solutions, thus optimizing operational processes and enhancing organizational performance.

Full Stack Developer | KIL Industrie Algiers, November 2024 – January 2025

- Developed optimized web and mobile applications focused on parking management, with efficient processes, custom features, and a smooth user experience.

Full Stack Developer | Intaj Mohtawayat Algiers, September – November 2024

- Executed major projects, including developing chatbots for Algérie Télécom and UAR, as well as creating the MIM platform, combining full-stack expertise, data security, and performance optimization.

PROJECTS

QOW-PRO Mobile Application (2024)

- Developed a mobile application (Flutter) for real-time water quality monitoring and leak detection.

Leak Detection System (2023)

- Created an AI-based leak detection system integrated with the existing water distribution infrastructure.

Real-Time Water Quality Prediction (2023)

- Developed a real-time water quality prediction system using IoT sensors and AI algorithms.

INTERNSHIPS

Industrial Internship 1 (Applied Renewable Energy Research Unit)

- Worked with different solar panel technologies and biofuel production.

Industrial Internship 2 (Lafarge)

- Conducted energy audits in the industrial sector.

Industrial Internship 3 (Sonelgaz)

SKILLS

- **Programming Languages:** Java, C, Python, NodeJS, React
- **Databases:** MongoDB, SQL
- **Mobile/Web App Development**
- **AI & ML:** TensorFlow, Pandas, Matplotlib
- **Frameworks & IDEs:** Flutter, Laravel, VS Code
- **Network & Infrastructure:** Cisco Packet Tracer, Network Configuration
- **Microsoft Office**
- **CCNA1 + CCNA2**

LANGUAGES

- English.
- French.
- Arabic.