

# Nidhal Baghdadi

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## SUMMARY

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Software Engineer with experience in full-stack development, proficient in writing clean, high-quality code across various programming languages. Demonstrated ability to collaborate effectively with cross-functional teams and optimize data models for improved data quality. Bilingual in French and English with advanced proficiency in TOEIC (975/990).

## SKILLS

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JavaScript, TypeScript, HTML/CSS, Node.js, Vue.js, React.js, MySQL, MongoDB(NoSQL), Git, Docker, IBM Cloud, Swagger, C, Java, Python(Pandas,NumPy)

## EXPERIENCE

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### IBM France

*Fullstack Developer Intern*

*Feb 2023 - Jul 2023*

- Developed back-end services in Node.js to provide data for an augmented reality mobile application.
- Implemented CI/CD pipelines to automate deployment across development and production environments.
- Documented APIs using Swagger and utilized IBM Cloud for infrastructure management.
- Collaborated with cross-functional teams to ensure effective data strategies and data flow management.
- Technologies: Node.js, MongoDB, IBM Cloud, Docker, GitLab, Swagger.

### DASSAULT SYSTEMES

*Fullstack Developer Intern*

*Apr 2022 - Sep 2022*

- Built a Vue.js front-end application to generate real-time diagrams (GANTT, flowcharts) for project management.
- Upgraded a recruitment process application's front-end to Vue.js 3 and enhanced back-end functionality.
- Collaborated with team members to optimize data models and ensure data quality.
- Technologies: Vue.js (v2/v3), Node.js, MongoDB, Git.

## PROJECTS

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### Thales Group

*Crit'Air Mobile App*

*Sep 2022 - Feb 2023*

- Developed a Flutter mobile app for scanning license plates and displaying pollution indexes.
- Designed prototypes using Figma.
- Technologies: Flutter, MS Azure, Jira, Git, Docker.

### COLAS Group

*Contact Management Web App*

*Sep 2021 - Apr 2022*

- Created a full-stack web application using React.js, Node.js, and MySQL for client contact management.
- Implemented infrastructure with Kubernetes and Docker on Microsoft Azure.
- Optimized data models to enhance data quality and reduce redundancy.
- Technologies: React.js, Node.js, MySQL, MS Azure, Docker.

## EDUCATION

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### ESIEA-Paris

*Engineering Degree, Software Engineering*

*Sep 2021 - Jun 2023*

- Low level programming in C
- System design and design patterns
- Fullstack development (React, Springboot...)
- Rituals of the agile method in a context of a school project (with Thales Group & Colas Group)
- Networking and Cryptography
- Algebra and data science in Python (Pandas, NumPy, Scikit-learn)

## **EPI-Sousse, Tunisia**

*Preparatory Cycle (BAC+3)*

*Sep 2018 - Jun 2021*

- Calculus and Algebra
- Data structures and algorithms.
- Networking (CCNA 1, CCNA 2)
- Object Oriented Programming in Java.

## **EXTRACURRICULARS**

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### **Teaching**

*Part-time English tutor*

- Part-time English tutor for middle/high school students at Complétude.

## **CERTIFICATIONS**

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### **SAP Certified Associate**

Backend Developer ABAP Cloud

### **SAP Certified Associate**

SAP Cloud Application Programming Model