

# BELLA ABDELOUAHAB

## SOFTWARE ENGINEER

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**Summary** : Full Stack Developer and Software Engineer with experience in web development, machine learning, and enterprise applications. Proven track record of delivering scalable solutions across agricultural technology and logistics sectors. Strong background in both frontend and backend development with expertise in modern frameworks and cloud technologies.

### TECHNICAL SKILLS

**Frontend**: React, Angular, Vue.js, Next.js, Flutter  
**Backend**: Spring Boot, Django, Node.js, Flask  
**Cloud**: Digital Ocean, Oracle Cloud  
**Languages**: Java, Python, JavaScript/TypeScript

**DevOps/Tools**: Docker, Git, Swagger, CI/CD (Github Actions)  
**Databases**: MongoDB, PostgreSQL, Oracle, MySQL, Redis, Firebase

### PROFESSIONAL EXPERIENCE

#### Full Stack Developer - NidInnovation

Feb 2024 - Mar 2024

- Developed company website using React and integrated SendGrid for email communications and Implemented Heberjahiz platform integration

> [React](#), [SendGrid](#), [Heberjahiz](#)

#### Full Stack Developer - Smart Maint

Apr 2024 - Oct 2024

- Built and deployed enterprise website using Spring Boot and Angular, and Managed deployment and hosting on Digital Ocean

> [Spring Boot](#), [Angular](#), [Digital Ocean](#)

#### Software Engineer - CRJEA-UM6P

Jul 2022 - Aug 2022

- Developed web application for project management and analysis  
Implemented RESTful APIs using Django and integrated with React frontend

> [Django](#), [React](#), [MongoDB](#), [Radius](#), [Swagger-docs](#)

#### Backend Developer - Post Maroc

Apr 2022 - Jul 2022

- Developed envelope management system using JavaFX Integrated Oracle Cloud services for data storage

> [JavaFX](#), [Scene-Builder](#), [Oracle Cloud](#), [PDF manipulation](#)

### EDUCATION

#### École nationale des sciences appliquées de Khouribga

- Master : Big Data & Business Intelligence

#### Ecole Supérieure de Technologie Essaouira

- Bachelor's degree: Computer Systems & Software Engineering
- DUT : Data Science and Business Intelligence

#### Lycée Iben soulaiman roudani - Taroudant

- Baccalaureate: Mathematical Sciences option : A

### PROJECTS

- Neural Fusion Studio** : datamining tool build with Java, JavaFX, Weka, Python
- Personal website**: digital ocean, React, express.js, GitHub CI-CD, Nginx
- Student Workflow Organizer** : website helps students to organize their academic workload

### ADDITIONAL INFORMATION

- Languages**: Arabic, English, French.
- Certifications**: DevOps Methodology , Design Your Software Architecture Using Industry-Standard Patterns, +24 certificates on my portfolio
- Awards/Activities**: Director of Club Digital Initiative EST-Essaouira, OPEN-SOURCE Hackathon ( 2nd place )