

Ibtissam Massa *Software Engineer*

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🌐 Ibtissam Massa

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PROFILE

Software Engineer with a focus on backend and full-stack development. Experienced with Java, Spring Boot, React, and Next.js, and familiar with Docker, databases, and cloud basics. Enjoys building practical solutions, learning new technologies, tackling challenges, and contributing to impactful projects within collaborative teams.

SKILLS

Programming Languages: Java, JavaScript, SQL

Frameworks: Spring Boot, React.js, Next.js, Node.js, Express.js

Databases: MySQL, MongoDB, OracleDB, PostgreSQL

Tools: Docker, Linux, Git/GitHub, Postman, Maven, Selenium, SonarQube, Figma

Practices: Agile/SCRUM, SDLC, CI/CD, Unit & Integration Testing

PROFESSIONAL EXPERIENCE

Oracle, Software Engineering Intern

Feb 2025 – Aug 2025

Casablanca, Morocco

- Worked on backend development using Java and Spring Boot as part of a large-scale compliance system.
- Participated in building internal tools to automate data collection and processing.
- Contributed to improving system architecture.
- Collaborated with an international team to integrate new features.

Void Agency, Full Stack Developer Internship

Feb 2024 – May 2024 | Agadir, Morocco

- Developed a headless CMS backend with PHP and Drupal; implemented the frontend using Next.js.
- Used Docker and Ubuntu Linux for containerization.
- Gained experience in web development using their internal framework and integrated back-office systems for content management.
- Learned SCRUM methodology, version control, and collaborative development workflows.

Storeino, Developer Internship

Jul 2023 – Aug 2023 | Agadir, Morocco

- Enhanced e-commerce platform features with Vue.js and Nuxt.js for a smooth user experience.
- Assisted in maintaining APIs and managing databases to ensure reliable operations.

Souss Carbonated Beverages Company, Observatory Internship

Aug 2022 – Sep 2022 | Agadir, Morocco

- Gained foundational exposure to production workflows and essential software tools in manufacturing.


PROJECTS

Trip Management Platform, Java, Spring Boot, PostgreSQL, Docker, JUnit 

Developed a backend platform with REST APIs and persistence layers, containerized with Docker, and tested with JUnit 5.

OSCS Knowledge Base & GitHub Crawler, Java, Spring Boot, SQL, Maven, Gradle, Git, GitHub

Enhanced open-source compliance system by integrating GitHub metadata and subcomponent detection (Maven/Gradle) into the OSCS Knowledge Base.

ENSA Community Portal, JavaScript, Next.js, React.js, SCSS, Figma, MongoDB, Git, GitHub 

A user-friendly platform for the ENSA community to access ADE news, club activities, press releases, a school guide, and a student voting system for special events, ensuring secure and fair participation.

Blockchain Discord Bot & NFT Web App, Node.js, Next.js, MongoDB, Discord.js, Figma

Created a tool for Ordinals communities to verify NFT ownership, link wallets, and receive updates in real time.

Shopopia – E-commerce Application, *Vue.js, Nuxt.js, Tailwind CSS* [🔗](#)
An e-commerce web application with responsive design and optimized UX.

Restaurant Desktop App, *Java, JavaFX, JDBC, MySQL* [🔗](#)
Built an admin dashboard for managing employees and menu items.

EDUCATION

National School of Applied Sciences, *Software Engineering* 2020 – 2025 | Agadir, Morocco
Completed a preparatory cycle in math, programming, and engineering sciences, followed by an engineering curriculum focused on software development, practical projects, and real-world problem solving.

COURSES	LANGUAGES
React Basics , <i>Meta - Coursera</i> 🔗	Arabic ● ● ● ● ●
Programming with JavaScript , <i>Meta- Coursera</i> 🔗	English ● ● ● ● ●
Version Control , <i>Meta- Coursera</i> 🔗	Frensh ● ● ● ● ●
HTML, CSS, and Javascript for Web Developers , <i>John Hopkins University- Coursera</i> 🔗	

EXTRACURRICULAR ACTIVITIES

Student Affairs Coordinator , <i>Students Association (ADE ENSAA)</i>	2023 – 2024
Vice-Head of the Cultural Department , <i>Club FSF ENSAA</i>	2022 – 2023
Coordinator , <i>AppsClub ENSA Agadir</i>	2022 – 2023