

# Ibrahim ADLANI

## Software Engineer Intern

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### RELEVANT EXPERIENCES

#### Software Engineer @ Deezer

Apprenticeship

May 2023 - Present // Paris, Île-de-France, FRANCE

- Advanced quality assurance methodologies in web application development at Deezer, leveraging Django, React, and Kubernetes within an Agile framework.
- Spearheaded UX design for a sophisticated prototype using Figma, and developed RESTful APIs, enhancing team efficiency and application performance.
- Championed front-end development, demonstrating expertise in coding standards and software engineering best practices, while collaborating closely with senior software engineers.
- Trained extensively in QA technologies such as Appium, Selenium, and mobile testing (Android & iOS), contributing to higher software quality and reliability.

#### Software Engineer @ IBM

Apprenticeship

May 2023 - Present // Paris, Île-de-France, FRANCE

- Wrote performant and robust Python code for a diverse array of client and internal projects.
- Led multiple projects related to specific client technical requests.
- Communicate and collaborate with multi-disciplinary teams of engineers, infrastructure experts, clients, and stakeholders daily.
- Automated various redundant processes and documentation tasks with Python and bash scripts to increase the team's productivity by at least 20%.

#### Software Engineer @ Hauts-de-France Polytechnic University

Internship

May 2023 - Present // Paris, Île-de-France, FRANCE

- Worked with a team of two engineering student for a European university consortium to build a web platform for data visualization and comparison tools based on the different KPIs of the consortium's university administrations.
- Led the team in gathering, processing, and statistically analyzing collected data.
- Interfaced with all project clients weekly, providing technical expertise and knowledge.

#### Software Engineer @ Ardennes Departmental Council

Internship

May 2023 - Present // Paris, Île-de-France, FRANCE

- Engineered a PHP interface between the French ministry of education's ticket systems and the departmental council JIRA platform to decentralize the department ticketing process.
- Create a script to automatically parse incoming XML files from an automated emailing system.
- Architected multiple MySQL databases to store properly all the parsed elements.
- Developed a JS single-page application to track the inventory shifts for the department laboratory.

#### Software Engineer @ Enedis

Apprenticeship

May 2023 - Present // Paris, Île-de-France, FRANCE

- Developed and ship highly interactive web services that allow Enedis regional managers across the country to track their human and financial resources and make more data-driven decisions.
- Designed and implement an optimized MySQL database following the Boyce-Codd Normal Form on a headless CentOS server.

### SKILLS

#### Programming Languages

Main : Python, JavaScript, SQL, Bash, Java

Secondary : C++, PHP, Rust

#### Technologies

Django, React, TailwindCSS, Bootstrap, Github Actions, Jenkins, Selenium, Docker, Firebase, Kubernetes, MySQL, PostgreSQL, Jest, PyTest, Figma (UX/UI), Git, Github, AWS (EC2, S3, R53)

#### Languages

French (Native), English (Fluent), Spanish (Intermediate), Arabic (Intermediate)

### EDUCATION

#### CY Tech

Sep. 2021 - Sep. 2024 // Cergy, FRANCE

Master of Engineering in Computer Science with a minor in Applied Mathematics (3.5 GPA in apprenticeship)

#### Polytechnic University of Hauts-de-France

Sep. 2019 - Aug. 2021 // Maubeuge, FRANCE

Associate Degree in Computer Science (3.7 GPA)

### CERTIFICATIONS

#### Scientific Computing with Python

January 2021 // FreeCodeCamp

#### Cyber Security Operations and Technology Solutions

January 2022 // IBM

#### Data Visualization

November 2021 // FreeCodeCamp

#### JavaScript Algorithms and Data Structures

July 2021 // FreeCodeCamp