

Boudaakkar Nazih

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Full-stack Engineer | Web Developer

Software Engineering and Architecture

SUMMARY

A software engineer with 1 year of freelance web experience and over 6 years of hobby programming experience interested in Low-level programming and Embedded Systems

CORE SKILLS

Hard Skills: React.JS | Typescript | Python | Django | HTML5 | CSS3 | Nodejs | SQL | PostgreSQL | Docker | Linux | Git | UML | C | C++ | C#

Soft skills: Communication | Public speaking | Teamwork | Creative Thinking | Problem solving | Mentoring | Clean Code | Software Architecture | Leadership

WORK EXPERIENCE

Freelancer: Web Developer

Jan 2022 - present

- Built an E-learning website using Django REST | React | Redux | Docker with a 3s load time through clever optimization techniques
- Maintained clean code and *extendible architecture* of a **35K codebase**
- Maintained an *80% coverage* of Unit and E2E tests
- Open API (Swagger) Specification for the Backend

Freelancer: Game Developer

Jan 2020 - Aug 2021

- Implemented complex game mechanics such as a rewind system, Data serialization, save / load system, Leaderboard for highest score and communication with server / APIs
- System for a 2D platformer that enabled the creation of 20+ levels in a breeze
- Kept a low technical debt for all projects through use of *Clean Code* and constant *refactoring*
- Interactive In game UI, navigation menus and animations with smooth transitions that consume less than 1ms overall

Mentor:

Aug 2020

- Taught a student the basics of Java for a month
- Managed to have a working GUI application by the end of the course

VOLUNTEERING EXPERIENCE

Leadership Mozilla Scientific Club:

- A restructure of the club that helped the management and organisation for 2 years
- Organized multiple scientific events that had over 50 participant and spanned multiple days
- Had managed the paperwork and the legalisation of the club
- Held multiple courses for members and externals alike about various programming topics

STEM4Girls Teaching:

- 21 days Course of game development for more than 15 absolute beginners

EDUCATION

- University Of Constantine 02 | **Master's in software engineering** | **Sep 2021 - Present**

- University Of Constantine 02 | **Bachelor's in software engineering** | **Sep 2018 - Jun 2021**

LANGUAGES

Arabic: Native

French: Bilingual

English: Proficient