

Bilal Belli

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PROFILE

Computer Systems Engineer and Master's student in Software Engineering at the University of Montpellier, with a strong interest in web development. Currently seeking a fixed-term or permanent position, either on-site or in a hybrid format, that matches my experience and skills.

EXPERIENCE

Pradeo & LIRMM

Final Year Graduation Project

Montpellier, France Sep. 2023 – Sep. 2024

- Developed a tool for detecting malicious behavior in iOS applications from binary code.
- Implemented a decompiler for binary Mach-O files, which involved developing decompilation algorithms and proposing an intermediate representation.
- Utilized Python for development, Tkinter for the GUI, Otool for disassembling, and Radare2 for binary analysis.

Algeria Partners

Algiers, Algeria

Full Stack Web Developer

Aug. 2022 - Oct. 2022

- Developed a web application for the Human Resources department's information system.
- Utilized NodeJs, ExpressJs, and MySQL for the backend. HTML5 and Bootstrap for the frontend.

EDUCATION

University of Montpellier

Master of Science (M.S.), Software Engineering

Higher National School of Computer Science

Master of Science (M.S.), Computer Systems Engineering

Bachelor of Science (B.S.), Computer Science

Montpellier, France

Sep. 2024 - July 2025

Algiers, Algeria

Sep. 2021 - July 2024

Sep. 2019 - July 2021

SKILLS

Languages: Python, Java, C, SQL, JavaScript, HTML, CSS

Framework / Tools: NodeJs, ReactJs, ElectronJS, Flask, Bootstrap, Tailwind, Bulma, Git, Docker

Databases: SQLite, MySQL, MongoDB, Oracle, Firebase

PROJECTS

Housing distribution platform (HTML, CSS, Bootstrap, Javascript)

• Contributed as a front-end developer to designing the graphical user interface, focusing on UI and UX.

Implementation of a Content Delivery Network

- Simulated the network infrastructure using GNS3 and multiple virtual machines for servers, including cache servers, origin server, backup server, and NAS server.
- Used Nginx as a reverse proxy, Varnish for caching, and Bind9 DNS as a DNS service.
- Created a basic web application using Flask, and deployed it on an Apache2 web server.

Trending Platform (Node.js, Vue.js, Tailwind CSS)

- Aimed to help users stay up to date with the most popular repositories, tech news, new tips, and more.
- Integrated multiple APIs from popular tech websites.