

Bilal Belli

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Github : github.com/Bilal-Belli

PROFILE

Computer Information Systems Engineer and R&D intern at Berger-Levrault. Actively seeking a fixed-term or permanent position, in-person or in hybrid mode, that matches my experience and skills.

EXPERIENCE

Software Optimization R&D Intern, Berger-Levrault

Toulouse, France

6 months, 2025

- Development of a Java tool to fully automate the migration of RPC platforms to gRPC.
- Migration of the WeGF financial management platform from REST/JSON architecture to REST/Protobuf.
- Referent : anas.shatnawy@berger-levrault.com

Security R&D Intern, Pradeo

Montpellier, France

9 months, 2024

- Developed a tool for detecting malicious behavior in iOS applications from binary code.
- Implemented a decompiler for binary Mach-O files.
- Utilized Python for development, Otool for disassembling, and Radare2 for binary analysis.

Full Stack Web Developer, AlgeriaPartners™

Algiers, Algeria

3 months, 2022

- Developed a web application for the Human Resources department's information system.
- The stack used: NodeJs, ExpressJs, MySQL, HTML5 and Bootstrap.

EDUCATION

University of Montpellier

Montpellier, France

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

2024 – 2025

Higher National School of Computer Science

Algiers, Algeria

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

2021 – 2024

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

2019 – 2021

TECHNICAL SKILLS

Languages : Python Java C JavaScript HTML SQL

Frameworks : NodeJs React Springboot Angular Bootstrap Electron Flask Flutter

Databases : SQL Server OracleDB PostgreSQL MySQL MongoDB Firebase

Project Management : Git GitLab Jira Scrum

PROJECTS

Freelance - Inventory management platform (Flask, Bootstrap, MySQL)

- Design of the user interface (UI/UX) and database schema according to specifications.
- Development of backend functionalities then deployment of the platform.
- Stripe payment API integration.

Content Delivery Network (CDN)

- Design and simulation of network infrastructure on GNS3.
- Infrastructure virtualization: cache servers, origin server, backup server and NAS server.
- Using Nginx as a reverse proxy, Varnish for caching, and Bind9 as a DNS service.

Other personal projects

- Development of tools for task automation.
- Up-to-date and documented source code on my GitHub profile.