

EDUCATION

Rabat , MA	National Institute Of Posts And Telecommunications	Sept 2021 - Jun 2024
<ul style="list-style-type: none">• Major : Data Enginner• Certificate : Engineer degreed• Programming Coursework : Big Data , Data processing , ETL , Spark , Virtualisation , Algorithms & Data Structure , Communication		
TAROUDANT, MA	Polydisciplinary Faculty of Taroudant	Sept 2021 - Jun 2022
<ul style="list-style-type: none">• Major : Computer Engineering• Certificate : Diploma Professional license• Programming Coursework : Mobile and Web Application , Object-Oriented Programming (OOP), Databases , UML , Networks , ML , Deep Learning .		
SAFI, MA	Superior School of Technology	Sept 2019 - Jun 2021
<ul style="list-style-type: none">• Major : Computer Engineering• Certificate : Technical University degree• Programming Coursework : Algorithms & Data Structure , Operating Systems , Databases , Object-Oriented Programming (OOP) , Communication		

EMPLOYMENT

Research Assistant , Intern (3 months)	Oracle	Juil - Sept 2023
<ul style="list-style-type: none">• Successfully completed a comprehensive training program within the first month, gaining in-depth insights into software development methodologies and tools.• Improved and automated testing processes for Graal Cloud Native Guides (https://www.graal.cloud/gcn/guides) .• Contributed actively to team discussions, sharing insights and suggestions to enhance project workflows and development strategies.• Leveraged Knowledge : Git , Linux , Java , Groovy , Bash Script , CI , python .		
Full stack javascript developer , Full Time (1 year)	ISPapp , Startup	août 2022 - juil 2023
<ul style="list-style-type: none">• Create a powerful and user-friendly system that simplified router management for our clients.• Contributed to multiple projects for different ISP clients in CA/USA, emphasizing service presentation, pricing display, and optimizing the user sign-up journey.• Collaborated closely with both backend development teams and designers, fostering effective communication and cross-functional synergy to achieve project objectives.• Leveraged Knowledge : Git , Typescript , Javascript , NestJs , React JS , Node Js , TailwindCss .		
Full-stack Javascript Developer , Intern (6 months)	NextFactoryIT , startup	janv - juin 2022
<ul style="list-style-type: none">• Led the creation of a company portfolio web application to showcase the company's offerings effectively.• Worked on creating a robust delivery network solution.• Leveraged Knowledge : GatsbyJS , ReactJS , NodeJS , MongoDB , TailwindCSS , Neo4j , Swagger .		

SOFTWARE PROJECT

Personal Website: www.younesdev.com (for additional information and projects)

ISPapp (<https://dash.ispapp.co/login> , <https://ispapp.co/>)

- Implemented a robust and user-friendly system based on Figma design for ISPapp.
- Integrated Plotly to dynamically visualize various types of real-time charts (such as ping, TCP, interfaces, and wireless access points) for router monitoring.
- Developed a flexible bulk command-line interface (CLI) to execute commands across MikroTik routers, thereby enhancing administrative efficiency and management capabilities.
- **Utilized:** NextJS , TailwindCss , useSWR , Plotly JS , Leaflet Map .

Swift Net (<https://swift-net.ca>)

- Implemented a user-friendly system based on Figma design .
- Develop a smooth sign up process. The subscriber places a pin on the building where they want service.
- **Utilized:** NextJS , TailwindCSS , Google maps api , Google autocomplete api , TowerCoverage API

Person re-identification (<https://github.com/YounesBouchbouk/Re-identification-GUI>)

- Developed a desktop application aimed at detecting and tracking individuals not wearing masks during the COVID-19 crise.
- Utilized the capabilities of YOLOV4 to achieve precise mask detection and smoothly integrated its functionality with the primary camera, enabling real-time monitoring.
- Employed the openCV library to incorporate SIFT and ORB algorithms, enabling the extraction of distinctive image characteristics from secondary cameras.
- **Utilized:** Python , OpenCv , YOLOV4 , Tkinter , SIFT / ORB algorithm

Simple bank API (<https://github.com/YounesBouchbouk/SimpleBank-Golang-Postgres-Kubernetes-gRPC->)

- Develop a RESTful backend web service using the Gin framework.
- Take our web service to the next level with gRPC and gRPC gateway.
- Set up Github Action to automatically build and deploy the app to AWS Kubernetes cluster.
- **Utilized:** Golang , Gin , SQLC , API Design , gRPC , Docker , AWS , Kubernetes , Testing , Swagger , Concurrency .

SKILLS

Software: (Good): Golang , Javascript , TypeScript , React , Next js , Express js , Python , Git (familiar): Java , C++ , SQL

LANGUAGES : English (advanced) , French (advanced)