

EDUCATION

Rabat , MA	National Institute Of Posts And Telecommunications	Sept 2022 - 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 : Software 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 , Operationg Systems , Databases , Object-Oriented Programming (OOP) , C		

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 , Cl , python .		
Full stack javascript developer , Full Time (1 year)	ISPapp , Startup	august 2022 - juil 2023
<ul style="list-style-type: none">• Developed a robust and user-centric system that streamlined router management, resulting in a 30% reduction in client-reported issues and a 20% increase in user satisfaction scores.• in multiple projects for various ISP clients in CA/USA, enhancing service presentation and pricing display. This led to a 15% increase in user sign-ups and a 10% boost in average user session duration• Worked closely with backend teams and designers, enhancing communication and cross-functional synergy to meet project goals.• Leveraged Knowledge : Git , Typescript , Javascript , NextJs , React JS , Node Js , TailwindCss .		
Full-stack Javascript Developer , Intern (6 months)	NextFactoryIT , startup	january - juin 2022
<ul style="list-style-type: none">• Spearheaded the development of a company portfolio web application, resulting in a 40% increase in client inquiries and a 25% boost in overall brand visibility.• Worked on creating a robust delivery network solution.• Leveraged Knowledge : GatsbyJS , ReactJS , NodeJS , MongoDB , TaiwindCSS , 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 CLI for MikroTik routers, boosting admin efficiency by 30% and cutting router issues by 18%.Utilized: NextJS , TailwindCss , useSWR , Plotly JS , Leaflet Map .

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

- Implemented a user-friendly system based on Figma design, leading to a 20% increase in user retention and a 15% reduction in user drop-offs during navigation.
- Revolutionized sign-ups with location pins, achieving a 35% increase in success and 25% faster registration.Utilized: NextJS , TailiwndCSS , Google maps api , Google autocomplete api , TowerCoverage API

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

- Created a desktop app for COVID-19 mask detection using YOLOV4 for precise mask recognition with the main camera and integrated openCV with SIFT and ORB algorithms for secondary camera image feature extraction.
- 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 , Python , Git ,RabbitMQ . (familiar): Java , C++ , SQL , Docker .

LANGUAGES : English (advanced) , French (advanced)