



# ABDELLAH NASSIM MERIDJA

## COMPUTER SYSTEMS ENGINEER

### PERSONAL BACKGROUND

Abdellah is a computer scientist devoted to his goals and ambitions in improving the world with technology through research, development and knowledge sharing; He is a curious opportunity seeker that doesn't shy out from thinking outside of the box.

I am looking forward to opportunities around Artificial Intelligence and/or Blockchain to develop my skills.

### TECHNICAL & SOFT SKILLS

- Go, Python, C, C#, Java, SQL, Rust.
- Full-Stack Web development with JavaScript, React/Redux and Node ecosystem and TypeScript.
- VueJS, NextJS, GatsbyJS, NuxtJS, TailwindCSS, JAMStack, Django, Odoo.
- Mobile Development with Flutter and Firebase.
- DevOps: Microservices, CI/CD, Docker, Linux, kubernetes.
- Systems & Networking Background.
- Machine Learning & Deep Learning
- Knowledge in System Design and Architectures.
- Cloud: GCP, Azure, **AWS: Lambda, DynamoDB, Amplify, S3, EC2**
- Git, Github, Gitlab, Jira, Azure DevOps, Trello, Office, Latex.
- Team Player & Leader, Critical Thinker, Researcher, Knowledge Seeker, Active & Fast Learner
- I Speak: Arabic (Native), English (Fluent), French C1 (599)

### CONTACT

Email: [abdallah.nassim.meridja@gmail.com](mailto:abdallah.nassim.meridja@gmail.com)  
Phone: +213 540 99 28 58  
Github: [AbdellahNassim](#)  
Blog: [inflowblog.vercel.app](#)

## CAREER BACKGROUND

### Full Stack Software Engineer

*Naseej | Jan 2023 - Aug 2023*

- Implemented and maintained student admission portal in **React**
- Designed and implemented the Student Engagement Platform using **Expo React Native**
- Designed and Implemented backend services in Frappe Framework.
- Designed implemented and deployed serverless backend services to AWS Lambda, DynamoDB and Amplify.
- Designed and implemented RESTful APIs using **Nodejs & Express**

### System Engineer

*Namla | Sept 2022 - Jan 2023*

- Worked on developing system networking services with **Golang & Rust**: High availability controllers for edge platform.

### Full Stack Web developer & Content Creator

*Code Labs Academy | Aug 2021 - Jan 2022*

- Development of the Company's Website and Front-end Applications.
- Team Leading the Front-end team and Quality Assurance.
- Integration tasks with the Back-end team.
- **Technologies:** NuxtJS, VueJS, JavaScript/TypeScript, ReactJS, Redux, Node/Express, MongoDB.

### Research & Development Intern

*La Rochelle Université L3I Laboratory, France | Sept 2021 - Sept 2022*

- Graduation Project about Autonomous Networks and Intent-based Networking including: Cloud-Native, NFV, SDN, Software Engineering and 5G.
- Implementation of a communication incentive mechanism based on blockchain technology: implemented the **blockchain** from scratch using **Golang**.
- Integration of Intelligence techniques: **DRL** and **Metaheuristics** for Intent Assurance.
- **Technologies:** React, Flask(Python), RDF, Tensorflow, Gin(Golang), Microservices using docker and Kubernetes, Free5GC.
- Graduated with **Honors**.

## ACADEMIC BACKGROUND

### Higher School of Computer Science Algiers (ESI ex-INI)

*Computer Scientist and Engineer | 2017 - 2022*

- Top 8% of Students.
- Specialized in Computer Systems.
- Graduation project on Autonomous Networks and Intent-based Networking.
- Additional Masters degree, **topic:** Intelligent Orchestration in Next Generation Networks.

## MAIN INTERESTS

- Blockchain Distributed Ledgers Technologies and Cryptocurrency.
- Software Engineering and Systems Design.
- Artificial Intelligence, Machine Learning and Deep Learning.

## CERTIFICATIONS & LICENSES

- Machine Learning Specialization by DeepLearning.AI
- Deep Learning Specialization by DeepLearning.AI
- Software Design & Architecture by Coursera
- Software Product Management by Coursera