



Eya Ridene

Software engineering Student

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🐙 GitHub Profile

🌐 LinkedIn Profile

## EDUCATION

- **Software Engineering** 2020-Present  
*National Institute of Applied Sciences and Technology of Tunis*
- **Bachelor's degree in Mathematics with honors ( Score: 17.88/20 )** 2016-2020  
*Pioneer High School of Tunis*

## PROFESSIONAL EXPERIENCE

- **Full-Stack Developer** 06/2024 - 12/2024  
*Liberrex* Tunis
  - Developed full-stack web applications in the financial services domain using Laravel, Vue.js, and NuxtJS with TypeScript, leveraging WebSockets to enhance the authentication process and optimize the customer experience.
  - Optimized SEO to enhance search visibility, increasing site traffic and user engagement.
  - Integrated OpenAI chatbots to enhance user interaction and automate customer service tasks.
  - Designed and maintained CI/CD pipelines using Azure DevOps, automating build, test, and deployment processes, which improved deployment efficiency and reduced release cycles.
- **Freelance Full-Stack Developer** 04/2024 - 07/2024  
*Private Academic School* Remote
  - Designed and implemented a dynamic website to showcase the school's courses, training programs, and general information, improving their online presence and engagement with prospective students.
  - Developed an administrative dashboard using the MERN stack to streamline the management of school records, student data, and administrative operations.
- **DevOps Intern** 07/2023 - 09/2023  
*CarNet* Tunis
  - Designed and implemented two distinct logging architectures on AWS, utilizing services like Kinesis, OpenSearch, and S3 for robust application and platform monitoring.
  - Set up log collection and aggregation pipelines using CloudWatch, CloudTrail, and Lambda functions in Python, enabling real-time monitoring, alerting, and debugging capabilities.
  - Evaluated system performance and scalability, identifying potential bottlenecks and optimizing infrastructure for better resource utilization.

## PROJECTS

- **CI/CD Pipeline for Application Deployment** 09/2024-11/2024
  - Designed and implemented a robust CI/CD pipeline which automated the build, test, and deployment processes, reducing deployment time by 40% and enhancing application reliability across development and production environments.
  - Integrated SonarQube for continuous code quality analysis and Grafana for real-time system monitoring, ensuring high standards of code integrity and proactive performance management.
  - Tools & technologies: NodeJs, Docker, SonarQube, Kubernetes, GitLab, Grafana
- **Dockerfile Refactoring Research Project** 03/2024-06/2024
  - Conducted a research project hosted by Michigan University, to investigate the evolution of 12 Dockerfile refactorings in open-source projects, analyzing their correlation with Docker quality metrics and exploring co-occurrences of different refactorings within Dockerfiles.
  - Tools & technologies: Python, Docker, DRMiner (Tool for detecting Dockerfile refactorings)
- **E-commerce site : NESTahfedh** 04/2023-06/2023
  - Developed a full-stack e-commerce platform using NestJS for the backend and ReactJS for the frontend, integrating features such as secure user authentication, advanced product search with dynamic filters, and real-time transaction management.
  - Tools & technologies: NestJS, ReactJS, PostgreSQL
- **Clinic Management Plateform** 10/2022-12/2022
  - Engineered a fully functional clinic management application, maintaining the list of doctors, patients, appointments, and medical records, ultimately improving operational workflow and reducing errors.
  - Tools & technologies: HTML, CSS, ASP.NET, Sqlite

## TECHNICAL SKILLS AND INTERESTS

**Programming Languages :** C/C++, C#, Python, Java, JavaScript, Typescript, PHP, HTML, CSS

**Developer Tools :** Git, Github, Github Actions, Linux, Docker, Kubernetes, GitLab, Terraform, Ansible, Grafana

**Frameworks :** Tailwind, Node.js, NestJS, Laravel, NuxtJS, ReactJS, VueJS

**Cloud/Databases :** MySQL, PostgreSQL, MongoDB, Microsoft Azure, Amazon Web Services (AWS)

**Areas of Interest :** DevOps, Competitive Programming , Art

**Languages :** English, French, Arabic

## CERTIFICATIONS

- **AWS Certified Developer - Associate** 07/2023  
Validation Number: 09307e571fc6491ab0a91efb5f5777e2

## POSITIONS OF RESPONSIBILITY

- **Vice Chair Membership Activities** IEEE CS Chapter INSAT Student Branch 08/2022-06/2023
- **AI Natinal Summet Hackathon Manager** IEEE CS Chapter INSAT Student Branch 02/2023-06/2023