

Walid Siala

+352 661 924 341 | walid.siala@medtech.tn | [linkedin.com/in/walid-siala](https://www.linkedin.com/in/walid-siala) | github.com/walids35 | walid-siala.com/

EDUCATION

Mediterranean School of Technology - Medtech

Software Engineering Degree

Tunis, Tunisia

Sept. 2020 – Jun 2025

International School of Carthage

High school Diploma in Mathematics

Tunis, Tunisia

Sept. 2014 – May 2020

EXPERIENCE

Machine Learning Engineer

SNT - Intern

April 2025– Present

Luxembourg, Luxembourg

Software Developer

EY - Intern

July 2024 – July 2024

Tunis, Tunisia

- Designed and implemented a web application with a React frontend and ASP.NET Core backend
- Integrated JWT-based authentication and role-based access control ensuring secure and efficient user handling.
- Used Azure DevOps for continuous integration and deployment, Docker for containerization, and managed Azure Repos and Pipelines for streamlined project delivery.

Cloud Developer

RFC - Intern

May 2024 – Jun 2024

Tunis, Tunisia

- Orchestrated the deployment of a dynamic web application on Azure Web App Service, integrating it into an Azure Kubernetes Cluster with optimized NGINX Ingress Configuration for efficient traffic management and scalability.
- Implemented CI/CD pipelines using GitHub Actions and enabled monitoring with Application Insights and Azure Monitor.
- Enhance end-to-end solutions in Microsoft Azure by creating Azure Functions, developing and managing web apps, leveraging Azure Storage and Azure Key Vaults, implementing user authentication and authorization via Azure AD B2C, and configuring Azure CDN for efficient document caching and delivery.

Software Developer

Access Content Agency - Intern

June 2023 – July 2023

Tunis, Tunisia

- Designed and implemented a program script to systematically extract sponsored advertisements from social media platforms using Selenium and save data in a MYSQL database. Deployed the script on a Linux server using Flask and executed as a cron job.
- Developed a web application to post on multiple social media platforms at once. Used Facebook Graph API, Chat GPT API for text, and Midjourney API for images.

Software Developer

Automato - Startup - Part-Time

May. 2023 – Aug. 2023

Tunis, Tunisia

- Implemented crucial features within a customer retention SaaS platform, utilizing technologies such as NextJS, Typescript, and the Amazon Pinpoint API.
- Completed an intensive Online Coaching Program facilitated by GIZxZOLLHOF, a prestigious Startup Incubator, covering comprehensive modules including Business Design, Market Discovery, Customer Discovery Prototyping, and Market Access strategies.

Frontend Developer

NeoLedge - Intern

May. 2022 – Jun. 2022

Tunis, Tunisia

- Designed a web application based on real client requirements using Adobe XD and design principles and discussed through meetings.
- Developed a front-end web application with VueJS V2 and Vuetify

TECHNICAL SKILLS

Languages: JavaScript, Typescript, Python, Shell, .NET, SQL, C

Frameworks: NextJS, React, Node.js, Express, NestJS, Flask, Vitest

Developer Tools: Git, Github, Docker, AWS, Azure, Kubernetes, Terraform