Walid Siala

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EDUCATION

Mediterranean School of Technology - Medtech   Tunis, Tunisia
Software Engineering Degree   *Sept. 2020 – Jun 2025*

International School of Carthage   Tunis, Tunisia
High school Diploma in Mathematics   *Sept. 2014 – May 2020*

EXPERIENCE

Software Developer   July 2024 – July 2024
EY - Intern   *Tunis, Tunisia*
- Designed and implemented a web application with a React frontend and ASP.NET Core backend, incorporating essential features like user management, authentication, and task management.
- Integrated JWT-based authentication and role-based access control, alongside robust user registration and profile management features, ensuring secure and efficient user handling.
- Managed CI/CD Pipeline with Azure DevOps: Oversaw the entire DevOps process, utilizing Azure DevOps for continuous integration and deployment, Docker for containerization, and managing Azure Repos and Pipelines for streamlined project delivery.

Cloud Developer   May 2024 – Jun 2024
RFC - Intern   *Tunis, Tunisia*
- Explored the landscape of Microsoft Azure, delving into foundational cloud concepts, Azure architecture, and comprehensive Azure management and governance strategies.
- Successfully orchestrated the deployment of a dynamic web application within Azure Web App Service, seamlessly integrating it into an Azure Kubernetes Cluster with meticulous NGINX Ingress Configuration, ensuring efficient traffic management and scalability.
- Enhance end-to-end solutions in Microsoft Azure by creating Azure Functions, developing and managing web apps, leveraging Azure Storage and Azure Key Vaults, designing databases with Azure Cosmos DB, implementing user authentication and authorization via Azure AD B2C, and configuring Azure CDN for efficient document caching and delivery.

Software Developer   June 2023 – July 2023
Access Content Agency - Intern   *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   May. 2023 – Aug. 2023
Automato - Startup - Part-Time   *Tunis, Tunisia*
- Led the development and implementation of crucial features within a sophisticated customer retention SaaS platform, utilizing advanced 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   May. 2022 – Jun. 2022
NeoLedge - Intern   *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 using with .NET serving a REST API with VueJS V2 and Vuetify as the frontend

Technical Skills

Languages: Java, C, SQL, Python, JavaScript, Typescript, HTML/CSS,
Frameworks: NextJS, React, Node.js, Flask, JUnit, Vitest
Developer Tools: Git, Github, Docker, VS Code, Visual Studio, PyCharm, Eclipse, Postman, Azure Devops

Certifications/Achievements

* Recipient of 1st place in a Hackathon (WEHELP), showcasing innovative problem-solving and teamwork skills.
* Recipient of 2st place in Competitive Programming Hackathon (Compile Combat 2.0), demonstrating advanced coding proficiency and strategic problem-solving abilities.
* Holds an IELTS certificate with a band 7 score, reflecting strong English language proficiency.
* Introduction to Agile Development and Scrum Master Certificate
* Mocking with JUnit, Automation and TDD Certificate
* Joined a non-profit organization (Rotaract) for one year as a member, developing public speaking and presentation skills but also organizing events and make larger people network.