

Mohamed Youssef Chlendi

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SKILLS SUMMARY

- **Languages:** PHP, JavaScript, TypeScript, Java, Python, SQL, HTML, CSS, C, C#, Dart, Kotlin, PowerShell
- **Frameworks:** Laravel, Symfony, Spring Boot, ASP.NET, .NET Core, ExpressJs, Flutter, React Native, .NET MAUI, .NET 4.8, LAMP, VueJs, Angular, Ionic, Bootstrap, React
- **Tools:** GIT, MySQL, POSTMAN, GitHub, ZenHub, Azure DevOps, Firebase, Figma, Adobe Illustrator, GDDPicture, WebSockets, Docker, Exchange Server
- **Database:** MySQL, MongoDB, SQL Server, PostgreSQL
- **Operating system:** Linux(Debian), Windows, macOS
- **Soft Skills:** Leadership, Event Management, Time Management, Client Requirements Analysis, Communication
- **Methodology:** Scrum, Agile, DevOps
- **Security:** OIDC, OAuth 2.0, Form Authentication, SSO

EXPERIENCE

- **NeoLedge, Zarzis, Tunisia** Remote
Software Developer *May 2023 - Present*
 - **Electronic Document Signature System:** Designed and implemented a comprehensive electronic signature solution including: a CLI for signing PDF files following the PADES-B standard, web extensions for browser integration, and integration with web applications to enable an end-to-end online document signature system. Successfully certified the solution with national authorities.
 - **Cross-Platform Toolbox:** Created and published a toolbox wrapping the CLI for Windows and macOS, ensuring compatibility with ARM and Intel architectures.
 - **Installer Development:** Developed installers for the toolbox and its dependencies, supporting seamless deployment on Windows and macOS.
 - **Web Extension Integration:** Developed a system to make the CLI accessible from web applications using native messaging hosts and browser extensions compatible with major browsers.
 - **Outlook Extension Development:** Designed and implemented an Outlook extension that interacts with Exchange server, handling OIDC and form authentication to streamline document management workflows.
 - **Enterprise GED System Maintenance:** Participated in maintaining and developing ELISE, the company's main Enterprise GED (Electronic Document Management) solution, ensuring system stability and feature enhancement.
 - **Client Requirements Analysis:** Conducted thorough studies of client use cases and prepared detailed reports to ensure fluid implementation and timely response to client needs.
 - **CI/CD Pipeline:** Prepared and maintained Azure DevOps CI/CD pipelines for seamless integration and deployment of new features.
 - **Enterprise Mobile Applications:** Developed and maintained enterprise mobile applications, integrating SOAP web services for seamless backend communication.
 - **Certification and Compliance:** Facilitated homologation of applications by conducting thorough tests and adaptations to meet eIDAS guidelines, achieving certification from TunTrust and ANCE Tunisia.
 - **System Integration Research:** Conducted extensive research to identify the most effective solutions for linking web applications with desktop environments. Evaluated multiple approaches, including:
 - * URI-based communication for straightforward and flexible integration.
 - * HTTPS client-side communication for secure and robust data exchange.
 - * WebSocket-based communication for real-time, bidirectional interaction between systems.Implemented the selected solution to enable seamless interaction between web and desktop platforms, improving system efficiency and user experience.
 - **Mobile App Modernization Research:** Led research and development efforts to modernize a legacy mobile app by migrating it from Xamarin to a more advanced technology. Conducted a detailed evaluation of potential solutions, including:
 - * **Flutter:** Evaluated for its fast development cycle, hot reload feature, and support for cross-platform UIs.
 - * **React Native:** Assessed for its extensive ecosystem, strong community support, and performance benefits through native modules.
 - * **.NET MAUI:** Analyzed for its integration with the .NET ecosystem, backward compatibility, and suitability for enterprise solutions.Delivered a comprehensive report to management, outlining the pros and cons of each technology and providing strategic recommendations aligned with the organization's future scalability and technical goals.
 - **Legacy Application Maintenance:** Maintained and enhanced a legacy UWP application to ensure continuous client support and stability.
- Technologies: C#, .NET Core, CLI Development, Desktop Development, Extension Development, Electronic Signature, Web Development, Vue.js, Azure DevOps, Microsoft Azure, OIDC, Exchange Server, Document Management

- NeoLedge, Zarzis, Tunisia**
Mobile Developer (End of studies internship) Feb 2023 - May 2023
 - : Contributed to the creation of a cross-platform mobile application for managing and signing electronic documents.
 - : Creation of NeoPDFViewer, an open-source file viewer, for seamless document visualization and interaction within the application.
 Technologies: Mobile development, Capacitor, Jest, Firebase, Framework Ionic, TypeScript, JavaScript, Scrum, Agile, Microsoft Azure
- NeoLedge, Zarzis, Tunisia** Remote
FrontEnd Developer (Internship) Jul 2022 - Nov 2022
 - : Contributed to the existing NUI package by creating new components that will be used in future NeoLedge projects.
 - : Contribution to the development of a new Survey application for the company.
 Technologies: Vue 2.6, TypeScript, StoryBook, CSS, github, Scrum, Agile, Microsoft Azure, C#, .NET 4.8
- Scouts, Zarzis, Tunisia** Remote
FullStack Developer/Product Owner Jul 2022 - Aug 2022
 - Needs analysis:** Reviewed the current system and uncovered its flaws.
 - Managment:** Created user stories, managed and prioritized the product backlog.
 - Development:** Developed and created parts of the system while maintaining high standards of code quality .
 Technologies: NuxtJs, Scrum, Agile, Vuetify, TypeScript, Laravel9, github, ZenHub, GitHub Ci/Cd Actions
- TunVita** Remote
FullStack Developer (Internship) Jan 2022 - Feb 2022
 - Planning and needs analysis:** Reviewed the current employee management system and find the flaws.
 - Desing of the system:** Designed the use case, the class and all necessary diagrams.
 - Developmentent:** Developed the application using the Laravel/Vue stack while maintaining high standards of code quality and thoughtful application design.
 Technologies: Laravel 8, Vue 2.6, JavaScript, Bootstrap-vue, github
- TunVita** Remote
FullStack Developer (Internship) Jul 2021 - Aug 2021
 - Front-end Development:** Developed a static website without and with template.
 - Back-end Development:** Developed an adminPanel that manages (read, reply, delete) the messages received from the contact form using PHP and SQL.
 Technologies: HTML, CSS, Js, PHP, MySql, SQL

EDUCATION

- Higher Institue Of Informatics** Ariana, Tunisia
Master in Open Source Software Engineering Sep 2023 - June 2025
- Higher Institue Of Technological Studies** Bizerte, Tunisia
Bachelor in information system technology, excellent honors Sep 2020 - June 2023

PROJECTS

- Bike tracking and after sales service:** (Oct 2022 -Jan 2023) Contributed to the development of the pixiimotors web/mobile application, which enables scooter owners to track and manage their motorcycles remotely, and set up an after-sales system enabling customers to communicate with the company using a ticketing system.
 Tech: SpringBoot, Nodejs, ExpressJs, MongoDB, Microservice, Angular, Flutter, GitHub
- Scouts system:** (Jun 2022 - now) Contributed to the development of the Scout Volunteer Project, which is an application to manage registration and enrollment in the organization, manage monetary/material resources, and to allow users to create formal applications, schedule events and manage their groups.
 Tech: Nuxt, TypeScript, Vuetify, Laravel Zenhub, GitHub
- ISETB - School management system :** (Mar 2022 - Jun 2021) Contributed to the development of the ISETB application, which allows to manage all the actions that take place within the institute, as a member of the development team.
 This project was developed in two different technology stacks, Laravel/vue and SpringBoot/Thymleaf.
 Tech: VueJs2, JavaScript, Laravel, SpringBoot, Java, Thymleaf, Scrum, Agile, Zenhub, GitHub

LICENSES AND CERTIFICATIONS

- Google Cloud Essentials Badge:** Google Cloud Education; Issued: Feb 2022; Certification ID: 1740267 [View Credential](#)
- SQL Course Certificate:** Sololearn; Issued: Feb 2022; Certification ID: 20332926-1060 [View Credential](#)
- Scrum Fundamentals Certified:** SCRUMstudy - Accreditation Body for Scrum and Agile; Issued: Feb 2022; Certification ID: 900581 [View Credential](#)
- Java Course Certificate:** Sololearn; Issued: Jan 2022; Certification ID: 20332926-1068 [View Credential](#)
- JavaScript Course Certificate:** Sololearn; Issued: Jan 2022; Certification ID: 20332926-1024 [View Credential](#)
- PHP Course Certificate:** Sololearn; Certification ID: 1059-20332926 [View Credential](#)
- Financial Management Training:** ADDCI-UN; Issued: Aug 2018

HONORS AND AWARDS

- Certificate of encouragement - Issued by head of IT department iset bizerte - Jan 2021

VOLUNTEER EXPERIENCE

- **Vice-Chair:** RAS IEEE ISET Bizerte SB
- **Media and Communication manager:** Tunisian SolidWorks Users Group ISET Bizerte