



# IHEB ZMERLI

## Full Stack Developer

Full-Stack Developer focused on solutions on computer products and services. Designed and developed web applications using APIs and databases with teams using agile methodology.

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Mourouj 1, Tunisia

Portfolio - 2024 : [HERE](#)

GitHub : [GitHub Repository](#)

LinkedIn : [LinkedIn Page](#)

## Personal Projects

### PORTFOLIO -2020-2025

Develop of my website (React, Sanity).

Implementing animations, website content and contact section notifications.

HTML, Tailwind, JS

Link : [Iheb-portfolio-1](#)

Link : [Iheb-portfolio-2](#)

### RESERVATION- 2021

Developing a website for advertising, booking cottages, campgrounds, and hiking for all seasons in Canada. (Platform and domain selection, Architecture design, website development, Integration of additional features, Implementation of reservation management.

Link 1 : [daaquam.mv](#)

Link 2 : [daaquam.com](#)

### CV DIGITAL -2023

Developing a WordPress site for a communication agency. (Choosing a theme, Customizing the design, Integrating content...)

Link : [anniejanelle.com](#)

## Skills

**Front-end** Html, Css, JavaScript, React, WordPress, Angular (JS/16+), TypeScript, NextJS, Web Design, front End

**Back-end** Java, Spring, SpringBoot, C#, Net, PHP, Node JS, Express JS, Python, Back End

**Database** MySQL, MongoDB, Oracle, SQLServer, HeidiSQL, XUnit, Ruby, Jest, OOP

**DevOps** Docker, K8s, Script Shell, Ansible, Jenkins, Maven, Rest Api, GraphQL, Azure, CI/CD

## Professional Experience

### Lead Developer -- CFAC GROUP

01/2023 - Present

Montplaisir, Tunis

- Designed and developed a web application to manage invoicing, payments, expense tracking, and billable tasks, improving financial workflows and efficiency.
- Developed a PHP script to integrate and synchronize data across three databases, enhancing data consistency and accessibility.
- Developed and implemented offers, agreements, and email templates with automated data generation, streamlining marketing operations and improving efficiency.
- Interviewed candidates and supervised developers during their internships.

**Skills :** PHP Laravel, React, MySQL, Script Shell, Rest Api, Cron, Git, Virtuozzo, Jelastic, Docker, Ansible, PHPUnit

**Link :** [invoice.cfacgroup.com](#)

- Built a web application for a ticket management system, streamlining issue reporting, tracking, and resolution processes.
- Devised solutions to integrate database with OQLs, enhancing efficiency and data retrieval accuracy.
- Set up all environments, ensuring system readiness and stability for deployment.
- Conducted training sessions to demonstrate application usage and workflows, improving user adoption and operational efficiency.
- Developed and implemented seven custom design templates tailored for different user roles, enhancing user experience and interface consistency.
- Implemented Cron jobs to automate tasks, integrate webhooks, and facilitate seamless communication with another applications.

**Skills :** Php Symfony, React, MySQL, Github, script shell, Rest Api, Cron, Zabbix

**Link :** [mycfac.cfacgroup.com](#)

- Integrated APIs and external services to enable secure data flows.
- Configured servers with load balancing and backup solutions to ensure high availability, fault tolerance, and system reliability.
- Optimized database performance and security through indexing, query tuning, and regular audits, ensuring data integrity.
- Automated routine tasks and deployment scripts to improve operational efficiency.
- Debugged and maintained applications by identifying root causes, implementing preventive fixes, and resolving recurring issues.
- Deployed monitoring and alerting systems to track application and server health, minimizing downtime.
- Conducted code reviews and mentored team members to uphold quality standards and best practices.

**Skills :** Ansible, VMware ESXi, AWS, Azure, Jenkins, GitHub Actions, Docker, K8s MySQL, Prometheus, Grafana, Pipelines, Cockpit, Helm, Bash, Python

- Created a landing page to showcase all business applications within a unified portal, improving user access and navigation across services.
- Optimized responsive design to ensure a seamless and consistent user experience across various devices and screen sizes.
- Developed interactive 3D scenes for web browsers, enhancing visual engagement and UX.
- Designed and implemented a task management system to streamline workflows, improve team productivity, and task tracking through strong organizational and project management skills.

**Skills :** React, Three JS, Next JS, SSL,  
**Link :** [portail.cfacgroup.com](http://portail.cfacgroup.com)

- Built a comprehensive payroll management system to automate employee salary processing and improve accuracy.
- Integrated HR modules for managing employee records, attendance, and leave tracking.
- Developed features for loan tracking and payroll computation, including automatic generation of payslips.
- Configured flexible system settings for departments, job titles, leave policies, holidays, and tax/contribution rates.
- Generated detailed reports such as payslips, employee rosters, and summaries of deductions and employer contributions.
- Ensured high standards of scalability to protect and manage sensitive employee data efficiently.

**Skills :** AngularJs, Java, SpringBoot, Maven, Hibernate, SpringFox/Swagger, Problem Spring, WebLiquibase, HazelCast, Spring Security , JWT, Spring Cloud, Dropbox SDK, SonarQube  
**Link :** [espaceclient.cfacgroup.com](http://espaceclient.cfacgroup.com)

**Full Stack Developer -- Arem Group**      02/2020 - 02/2021      Charguia I, Tunis

- Created a system for managing inventory, handling articles, deliveries, and shipments efficiently.
- Defined the architecture of the application, ensuring a scalable foundation for development.
- Migrated data from CSV files to MySQL, implementing indexing and query optimization to improve database performance and accessibility.
- Designing front and developed user interfaces optimized for seamless functionality and consistent experiences across various devices.
- Identified and fixed software issues, implemented solutions to prevent recurrences, and ensured smooth system operation.

**Skills :** Spring Boot, Angular, PrimeNG, MySQL, HTML5, Github

**Full Stack Developer -- 4Fit Bardo**      03/2020 - 04/2020      Charguia I, Tunis

- Designed functionality to streamline booking, scheduling, and management for sports facilities.
- Developed a secure user registration and login system with features for managing and updating user profiles, enhancing usability and account security.
- Oversaw the client and validation of reservations, ensuring accuracy and booking confirmations.
- Set up and configured the application on the client’s cloud hosting platform, ensuring seamless deployment and optimal performance.

**Skills :** Php, Sql, MySQL, Github

**Developer (PaaS/SaaS) -- Esprit**      02/2019 - 07/2019      ghazala, Tunis

- Designed and implemented a scalable SaaS application utilizing Java EE or .NET frameworks, integrating RESTful APIs to enable seamless communication between the client and server.
- Automated infrastructure management using AWS tools, optimizing resource provisioning, scaling, and deployment.
- Stored and managed data reliably while running virtual instances for scalable and flexible application performance.
- Ensured efficient container orchestration, enhancing application portability and minimizing deployment overhead.

**Skills :** Asp.Net ,Framework ,MVC ,Java /Jee ,Rest web services.  
**Platforms :** AWS (CloudFormation , EBS, EC2, RDS, VPC...),Docker.

**Secretary General -2022**

Designed and managed a company website, handled its operation, assumed administrative and financial responsibilities, and provided IT support for installers.

**Link :** [www.cspv.com](http://www.cspv.com)

**Academic Background**

National Diploma in Computer Engineering.

Institute for Preparatory Engineering Studies of Nabeul.

Bachelor's Degree in Technical Sciences

**Languages**

English      ● ● ● ● ●  
French      ● ● ● ● ●  
Arabic      ● ● ● ● ●