# 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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**GitHub :** GitHub Repositry

**LinkedIn :** LinkedIn Page

## Skills

**Front-end**  Html, Css, Tailwind, JavaScript, React JS, Vue, NextJS, Angular, TypeScript, Web Design

**Back-end**  Java, Spring, SpringBoot, C#, Net, PHP, Node JS, Expresse 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  Elkhadhra City, 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**
**Link : www.invoicepro.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**
**Link : www.espaceclient.com**

- Implemented APIs and integrated external services, ensuring secure, efficient, and reliable data management workflows.
- Configured servers to meet deployment standards, implementing load balancing and backup solutions to ensure high availability, fault tolerance, and system reliability.
- Optimized database performance and security through indexing, query optimization, and regular audits, ensuring data integrity and improved system efficiency.
- Automated routine tasks and deployment scripts, enhancing operational efficiency.
- Debugged and maintained applications to identify issues, analyze root causes, and implement preventative solutions, resolving recurrences and ensuring optimal system performance.
- Implemented monitoring and alerting systems to proactively track application and server health, minimizing downtime and ensuring continuous service availability.
- Conducted code reviews and mentored team members to ensure adherence to quality standards and best practices, fostering continuous improvement and maintaining high development standards.

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

## Personal Projects

### PORTFOLIO -2020

Develop of my website (React, Sanity). Implementing animations, website content and contact section notifications.

**HTML, Tailwind, JS**

**Link : www.iheb-zm.com**

### 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 : www.daaquam.com**

### CV DIGITAL -2023

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

**Hosting, Google Analytics, search engines...**

**Link : www.anniejanelle.com**

- 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.
- Developed and implemented a task management system that required meticulous attention to detail, strong management skills, and excellent organizational abilities to streamline workflows and enhance team productivity.

  Skills : React, Three JS, Next JS, SSL,

- Developed a payroll management system to automate employee salary calculations, streamlining payroll processes and reducing manual effort.
- Integrated modules for managing employee information, attendance tracking, and leave, enhancing operational efficiency and data organization.
- Designed features for loan tracking and payroll calculations, including automated payslip generation, to streamline financial processes.
- Configured parameters to manage departments, designations, leave types, public holidays, and contribution scales, ensuring flexible and comprehensive administration.
- Created detailed reports for payslips, employee lists, and deduction and contribution summaries, ensuring accurate and accessible financial documentation.
- Ensured system security to protect sensitive employee data, implementing safeguards and supporting future growth.

  Skills : React, three JS, TailwindCSS, AlpineJS, Livewire, Laravel

## 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.

CMS, Optimisation SEO, WordPress, Elementor, Photoshop

Link : www.cspv.com

## Academic Background

**09/2 0 1 5 -- 11/2 0 2 1**
National Diploma in Computer Engineering.

**09/2 0 1 3 -- 07/2 0 1 5**
Institute for Preparatory Engineering Studies of Nabeul.

**09/2 0 1 2 -- 06/2 0 1 3**
Bachelor's Degree in Technical Sciences

## Languages :

English   ● ● ● ● ○

French   ● ● ● ● ○

Arabic   ● ● ● ● ●