

IHEB ZMERLI

Full Stack Developer | Software Engineer | DevOps-Oriented

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Portfolio / Applications: portfolio-iheb-zm.vercel.app | invoice.cfacgroup.com | espaceclient.cfacgroup.com
| mycfac.cfacgroup.com | iheb-zm-portfolio.netlify.app | portail-entreprise.cfacgroup.com | cspv.tn |
daaquam.qc.ca | anniejanelle.monentreprisevirtuelle.com

PROFESSIONAL SUMMARY

Full Stack Developer with 5+ years of experience designing, developing, and deploying scalable web and SaaS applications. Experienced in financial, accounting, HR.

CORE SKILLS

Front-End: React, Angular, Next.js, JavaScript, TypeScript, HTML5, CSS3, WordPress

Back-End: Java (Spring Boot), PHP (Laravel, Symfony), Node.js (Express), Python, C# (.NET)

Databases: MySQL, PostgreSQL, SQL Server, MongoDB

DevOps & Cloud: Docker, Ansible, CI/CD (GitHub Actions), Azure, VMware ESXi, Jelastic

PROFESSIONAL EXPERIENCE

Full Stack Developer

HAY SERV – Montplaisir | Nov 2025 – Present

- Developed a corporate WordPress website with a structured 15+ page architecture, improving online visibility and reducing technical incidents.
 - Automated financial control rules to restrict access for clients with invoices overdue by more than 90 days, reducing unpaid receivables by 30–35%.
 - Implemented a centralized time-tracking and request management system, improving service billing accuracy by approximately 25%.
 - Fully automated monthly, quarterly, and annual invoice generation and delivery, reducing manual effort by 60–70% and minimizing billing errors.
 - Built a customizable electronic signature modeling application for creation of digital signatures.
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Full Stack Developer

AXEANE – Montplaisir | Mar 2025 – Oct 2025

- Developed features for an accounting and payroll application using Spring Boot and Angular.
- Built a multi-role authentication portal with role-based access and personalized workspaces.
- Developed a leave and absence module with email-based approval workflows for HR managers.
- Automated time-entry imports using Excel integration and OCR for bank statements, eliminating over 20 hours of manual data entry per month with 98.9% accuracy.
- Implemented an automatic payroll calculation engine, reducing payroll processing time by 30%.

Application: espaceclient.cfacgroup.com

Lead Developer / Full Stack Engineer

CFAC GROUP – Montplaisir | Jan 2022 – Feb 2025

- Designed and developed a comprehensive financial management SaaS platform using Laravel (PHP) and React.
- Built REST APIs to automate invoicing, payments, contracts, and transactional email workflows.
- Centralized data across multiple MySQL databases, ensuring a single source of truth.
- Automated deployment and infrastructure using Docker, Ansible, and VMware ESXi, achieving over 99.9% system availability.
- Implemented CI/CD pipelines with GitHub Actions, reducing recurring production bugs by 70%.
- Optimized database performance through indexing, query tuning, and regular audits.
- Deployed monitoring and alerting with Prometheus and Grafana to minimize downtime.
- Designed an automated arrears control system, eliminating service interruptions caused by unpaid invoices.
- Developed internal automation tools (n8n, scripts), increasing team productivity by over 30%.
- Built a Next.js enterprise portal with JWT authentication, SSL/TLS encryption, and API Routes.
- Developed interactive 3D web experiences using Three.js for high-impact visual content.

Applications: invoice.cfacgroup.com | mycfac.cfacgroup.com | cfacgroup.com | portail-entreprise.cfacgroup.com

Secretary General

UTICA – Montplaisir | Sep 2021 – Dec 2021

- Comprehensive redesign of the corporate website with WordPress and Elementor, optimizing design, user experience, and technical performance.
- Oversaw financial and marketing, including the creation of visual materials and data analysis via Excel.
- Provided technical support to photovoltaic installers, managing their subscriptions and integrating their profiles/advertisements on the website and printed materials.

Applications: cspv.tn

METHODOLOGIES & PRACTICES

Agile / Scrum, Clean Architecture, Object-Oriented Programming, Secure Authentication (JWT, SSL/TLS), Performance Optimization, High Availability Systems

LANGUAGES

French – Professional
English – Professional