

Ghassen Bargougui

📍 Luxembourg City, Luxembourg ✉ ghassen.brg16@gmail.com ☎ +352 661 120 421 in ghassenbrg

About Me!

Software Engineer with 5 years of experience in **full-stack development**, building scalable **Java**-based systems and dynamic user interfaces using **Angular**. Proven ability to modernize user interfaces and build robust, scalable backend systems. **Oracle Certified Professional Java SE 11 Developer**, adept at delivering innovative solutions that meet client requirements. Fluent in **Arabic, English, and French**. Seeking to leverage my expertise in a collaborative environment to develop high-quality software solutions.

Core Competencies

Programming Languages: Java, TypeScript, SQL, JavaScript, HTML5, CSS3

Frameworks & Libraries: Spring Boot, Hibernate, Angular, NestJS, Node.js, PrimeNG, JUnit

Tools & Platforms: Maven, Git, Keycloak, ActiveMQ, AWS, WildFly, Nginx, Linux, SonarQube, JProfiler

Databases: PostgreSQL, MySQL, MongoDB

DevOps & CI/CD: Jenkins, Docker, CI/CD Pipelines, Jira, Agile/Scrum methodologies

Other Skills: UML Modeling, RESTful APIs, Microservices Architecture, Performance Optimization

Experience

CBTW, Java Full-Stack Developer

Luxembourg, Luxembourg | Sept 2024 – Present

- **Web Application Development:** Built and maintained enterprise-level web applications using Java, Spring Boot, and Angular, enhancing performance and scalability.
- **Agile Collaboration:** Worked closely with cross-functional teams in an Agile environment to deliver high-quality software solutions.
- **Problem Solving:** Identified and resolved complex technical issues, ensuring optimal application performance and user experience.
- **Code Quality:** Participated in code reviews, implemented best practices.

VERMEG, Software Engineer

Tunis, Tunisia | Oct. 2019 – Aug. 2024

- **Technical Leadership:** Guided junior team members and took ownership of critical components.
- **System Integration:** Integrated backend and frontend systems requiring high availability, performance, and security.
- **Product Development:** Led end-to-end development of multiple applications, contributing to both backend and frontend components.
- **Process Optimization:** Streamlined development processes by identifying bottlenecks and implementing effective solutions.
- **Key Projects:**
 - **SalesFlow:** A workflow system for efficiently managing insurance proposals, offers, and endorsements.
 - * **Role:** Lead Developer
 - * Conducted functional analysis and facilitated client workshops.
 - * Modeled applications using UML and designed system architecture.
 - * Developed RESTful APIs and dynamic user interfaces.
 - * Led migration to a Camunda BPM-centric architecture.
 - **PackManager:** A configuration platform for insurance products, streamlining offer creation and customization.

- * **Role:** Backend Developer
- * Analyzed client requirements and developed UML models.
- * Implemented core functionalities and developed RESTful APIs.
- * Refactored legacy code to improve maintainability.
- * Optimized performance using JProfiler.
- **Solife Digital Portal:** A web portal for insurance brokers and agents to manage life insurance offers and contracts.
 - * **Role:** Full-Stack Developer
 - * Revamped the user interface using Angular.
 - * Developed microservices, increasing system reliability.
 - * Managed Linux VMs for development and QA environments.
 - * Conducted code reviews and mentored junior team members.
- **Magikforms:** A platform for creating and validating digital forms with a user-friendly dashboard and KPI tracking.
 - * **Role:** Backend Developer
 - * Implemented Java web services for frontend communication.
 - * Managed bulk processing with ActiveMQ.
 - * Automated user management via Keycloak API.
 - * Enhanced performance for high-volume operations using JProfiler.
- **Insurance Pricing Module:** Module for configuring and pricing various insurance products for individuals and groups.
 - * **Role:** Full-Stack Developer
 - * Led functional analysis through stakeholder interviews.
 - * Designed features for product configuration and premium calculation.
 - * Developed actuarial functions in Java with unit testing.
 - * Optimized data integration using Apache POI and Excel.
 - * Implemented frontend components in Angular.

Education

Engineer's Degree in Computer Software Engineering

Sept 2019 – July 2023

ESPRIT (Private Higher School of Engineering and Technology), Tunis, Tunisia

Bachelor's Degree in Computer Science


Sept 2015 – June 2019

ISIMM (Higher Institute of Computer Science and Mathematics), Monastir, Tunisia

Certifications

Oracle Certified Professional, Java SE 11 Developer

Sept 2022

Certification Badge: bit.ly/ocp11gb 

Languages

Arabic: Native

English: Fluent

French: Fluent

Japanese: Basic conversational proficiency