Ayoub Dhamer

Software Architectural Engineering

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Profile

Experienced **Senior Full-Stack Software Engineer** specializing in **Java Spring Boot**, **Angular**, and **PostgreSQL**. Skilled in designing **scalable enterprise applications**, **REST APIs**, and **microservices**. Passionate about delivering clean, efficient, and high-performance solutions that drive business impact.

Education

ESPRIT, *Software Architectural Engineering (Software engineer)*   09/2020 – 09/2023

ISET Charguia, *Computer system development*   09/2017 – 09/2020

Professional Experience

Software engineer at Segula Technologies   11/2024 – 04/2025
- Designed and developed a Java-based desktop application for visualizing and analyzing car performance data (electric and gas-powered) including torque, speed, weight, acceleration, and more.
- Implemented Excel file import functionality to load car data into a dynamic and filterable table with options to hide, delete, or show specific rows.
- Integrated interactive graphs and custom-made diagrams built from scratch using Java 2D graphics, featuring smooth animations and advanced data visualization techniques.
- Enabled row-level interaction where selecting a row highlights its data across all graphs, and double-clicking navigates to a detailed view with comprehensive metrics, custom charts, and visual illustrations.
- Built an intuitive UI allowing users to filter by any column and analyze individual car data through a user-friendly and responsive interface.

Software engineer at Yess Consulting   10/2023 – 11/2024
- Design, collaboration, analysis and development of YessConsulting's YessClever ERP solution, as well as collaboration on the design and development of the payroll engine.
- Participation in the development of the web application for INSTM (Institut National des Sciences et Technologies de la Mer).

PFE Engineer Intern at Yess Consulting Tunisie   01/2023 – 07/2023
- Designed and developed a web application to manage company social clubs (AMICAL), including their activities and services.
- Implemented features for event management, member tracking, and service coordination.
- Ensured a user-friendly interface and optimized performance for internal use.

Engineering Intern at ETAP   07/2022 – 09/2022
- Designed and developed a custom web application to automate internal company processes and workflows.
- Improved operational efficiency by reducing manual tasks through digital solutions.
- Collaborated with stakeholders to gather requirements and ensure the application aligned with company needs.

PFE Intern at TimSoft   02/2020 – 08/2020
- Developed an e-commerce web application tailored for a beauty salon.
- Participated in daily stand-up meetings with the development team.
- Engaged in weekly client meetings to gather feedback and ensure alignment with project goals.
- Conducted sprint reviews and validated features with the client after each iteration.
- Learned and applied the **Unified Process (UP)** software development methodology.
- Delivered .NET training sessions to junior team members.

IT Intern at Al Baraka Bank   07/2019 – 08/2019
- Managed remote banking services, including Internet, Mobile, and SMS banking.
- Created bank cards using international PowerCard software.
- Installed and configured POS terminals for retail banking.
- Oversaw the management and distribution of physical and encoded bank cards.
- Temporarily replaced an employee on leave, assisting with various daily operational tasks.
- Maintained clear and effective communication across departments.

Senior technician at ATFP   01/2019 – 02/2019
- Repaired computers and servers, including both hardware and software components.
- Temporarily replaced employees on leave to maintain workflow continuity.
- Traveled to monitor and maintain computer equipment across company locations.
- Maintained effective communication with company employees and fellow interns.
- Assisted with daily technical tasks and troubleshooting.

Skills

Web Development
- **Frontend:** Angular, React, Angular Material, JSF (Prime Faces), HTML, CSS, Bootstrap, JavaScript, jQuery
- **Backend:** Java (Spring Boot, maven), .NET, Node.js, Express.js, Django, PHP (Symfony), C#

Desktop Development
WPF, JavaFX, Swing

Tools & Platforms
- Git, GitHub, GitLab, Microsoft Project, Microsoft Office 365, Microsoft Project and SQL server
- Operating Systems: Windows, Linux

Big Data & Analytics
Big Data fundamentals, R for data analysis and python

Mobile Development
Android (Java/Flutter), Codename One

Databases
MySQL, PostgreSQL, MongoDB, Oracle, SQL Server, Firebase and SQLite

Software Engineering Practices
- DevOps fundamentals
- Agile Methodologies: SCRUM, Unified Process (UP)

Certificates

Certificate of Participation — INJAZ Tunisia Company Program

Languages

Arabic ● French ● English ● German