

Summary

Highly motivated Full-Stack Developer with a year of experience building secure and user-friendly web applications & servers. Proficient in both front-end (Angular, CSS/SCSS, TypeScript) and back-end development (Java, Maven, Spring Boot). Skilled in implementing robust security measures and deploying applications on cloud platforms (AWS/Firebase). Eager to leverage my skills and problem-solving abilities to contribute to a fast-paced and innovative team environment. Portfolio can be found on [Portfolio](#) (accessible over http not https), [GitHub](#).

Skills

Programming Languages: Java, C, Python, SQL, HTML5, CSS, SCSS, JavaScript, TypeScript, PHP, XML, R.

Frameworks, Platforms, Tools & Packages: Angular (v15-18), Angular Materials, Spring Boot, Spring Security, Spring Test, Junit, Mockito, Git, Npm, NgRx Store/SignalStore, Pwa, Angular Universal – SSR, Aws, Postman, Google Analytics, JIRA, BitBucket.

Databases: MySQL, MongoDB, Firebase Realtime Database, Spring JDBC.

OS & Concepts: Windows, Linux, Advanced Exception Handling, MVC, MicroServices, JWT (JSON Web Tokens), RESTful APIs, BEM, 7-1 Pattern, SEO.

Spoken Languages: Fluent in English and Arabic. Intermediate in Turkish.

Relevant Experience

Itxi | Beirut, Lebanon

Front-End Internship

Nov 2024 – Jan 2025

- Developed an e-commerce Angular (v18) application integrated with a third-party Fake Store API for products data and a Weather API to provide real-time weather-based product recommendations.
- Leveraged cutting-edge technologies like NgRx SignalStore and signal-based variables, moving beyond traditional stores and variables, in addition to adopting standalone components, to enhance state management, encapsulation, and reusability. This approach enabled the removal of Zone.js, achieving a zoneless application that resulted in a reduced bundle size and improved performance due to also utilizing the onPush ChangeDetectionStrategy.
- Implemented a dynamic loading spinner using Angular materials to visually indicate ongoing network requests, enhancing user experience by providing real-time feedback during data retrieval and ensuring smooth, uninterrupted interactions with the application.
- Applied advanced Angular animations to enhance the login process, creating a visually appealing and interactive user interface that enhances the user experience with smooth transitions and effects.
- Employed RxJS observables to efficiently manage asynchronous operations, enabling reactive programming patterns that enhance the responsiveness and maintainability of the application.
- Maintained a well-documented and structured project codebase, adhering to best practices for code organization and clarity.
- Utilized Git for version control, handling push and pull requests to upload and manage the project on GitHub.
- Extensively utilized TypeScript and JavaScript to develop a robust and scalable application, leveraging TypeScript's strong type-checking capabilities to enforce strict type restrictions, reducing runtime errors and improving code quality. Applied advanced JavaScript methods like find and filter for efficient data manipulation and retrieval, ensuring optimal application performance and functionality.
- Conducted comprehensive unit testing for all Angular components, services, and stores, ensuring reliability, stability, and bug detection. This improved code quality, simplified debugging, and facilitated smoother refactoring while maintaining application integrity.
- Gained hands-on experience with Jira, Tempo, and Bitbucket for task management, time tracking, and version control. Effectively organizing tasks, committing code to feature branches, and collaborating through pull requests to ensure smooth code integration and streamlined development workflows.
- Thoroughly explored the TypeScript Handbook and Angular Documentation to deepen my understanding and master both technologies, enhancing my proficiency in building robust and scalable applications.

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Angular Developer

Feb 2024 – Nov 2024

- Conducted meetings and consultations to gather insights on desired website layout, design elements, and product presentation.
- Utilized flexbox and grid layouts to establish a responsive design, ensuring optimal viewing experience across various devices and screen sizes and enhancing accessibility and usability.
- Incorporated animations and transitions to enhance user engagement and interaction, adding visual appeal and guiding users through the website's features and content.
- Implemented lazy loading techniques to improve website performance by loading content and resources asynchronously, reducing initial page load times and conserving bandwidth.

- Developed front-end templates using Angular framework (v15), prioritizing sustainability and maintainability through suitable naming conventions and BEM methodology, complemented with services, guards, and interceptors.
- Engineered the back-end with Java Spring Boot, crafting 10 distinct API endpoints including a pivotal search engine for dorm availability on specified dates.
- Implemented robust security measures encompassing JWT, password hashing, and input validations on both front-end and back-end, along with state-saving strategies to ensure seamless user experience across website interactions.
- Leveraged SMTP for secure password reset functionalities, adhered to the 7-1 pattern for a structured SCSS architecture facilitating responsiveness, and enforced constraints to prevent conflicts such as gender-specific dorm bookings.
- Managed deployment by registering "[dormnation.link](#)" via AWS Route 53, deploying the web app on AWS S3 with global accessibility through CloudFront, and orchestrating web server deployment on AWS Elastic Beanstalk with load balancing and SSL certificate integration for secure HTTPS requests. (The domain can't be accessed anymore as it expired and I didn't renew)

- Developed a comprehensive user management system website, integrating backend functionalities with Java Spring Boot and frontend interfaces using Angular (v15), enhanced with Angular Material for an intuitive UI.
- Established a MySQL database for user data storage, implementing robust security measures including JWT and input validation to safeguard against potential threats.
- Conducted thorough testing using Postman to validate APIs, while implementing custom error-handling and rigorous testing protocols to ensure smooth and error-free application performance.

Relevant Personal Projects

Library Management System

Backend – Spring Boot

- Built secure REST APIs for user authentication and data management, employing JWT-based authentication for stateless session management and protection of sensitive endpoints.
- Implemented advanced error handling using a centralized GlobalExceptionHandler for consistent error responses across all endpoints, improving code clarity and simplifying debugging processes.
- Designed and implemented a robust security configuration using JWT for stateless authentication, integrating a custom authentication filter to validate tokens and handle exceptions. Applied best practices by disabling CSRF, enabling CORS, and utilizing secure password encoding with BCryptPasswordEncoder, ensuring secure and flexible API access across multiple domains.
- Managed database operations with JDBC templates, optimizing queries for dynamic data retrieval and updating, ensuring reliable and efficient data access in a high-performance environment.
- Utilized Spring Transactions to ensure data consistency during complex operations like updating multiple tables or performing sequential database operations, reducing the risk of partial updates or data corruption.
- Automated testing of API endpoints using JUnit and Mockito, applying SpringBootTest for integration testing. Ensured that each test was independent of the other, without altering the database state, providing reliable and consistent application behavior.
- Ensured a well-organized and well-documented codebase, following industry best practices for code structure and clarity.
- Employed Git for version control, ensuring proper handling of push/pull requests through GitHub, contributing to a clean and maintainable project history.

Education

- Was listed in the dean's distinction list in spring 2022.

Udemy Courses

- **Angular** – The Complete Guide. (2025 Edition).
- **Advanced CSS and Sass:** Flexbox, Grid, Animations and More.
- **Introduction to Cloud Computing on AWS** for Beginners [2025].