Full Stack Developer

Spring Boot\ React\ NextJs\ Node.js

**Avi Tuchband**

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**Summary**

* **2+ years of software development experience as a Scrum Master and Backend Spring Boot Java Developer, I lead a newly formed Squad at Bank Hapoalim, proficient in Agile methodologies.**
* **6 years** of experience as a **System Administrator and Technical Assistance,** atJohn Bryce.
* Proficient in **front-end** technologies including **TypeScript** and JavaScript (**Next.js**, **React**, Angular), and **Tailwind CSS**, **Headless UI, Framer Motion** along with **HTML** and **CSS**.
* Experienced in **back-end** technologies like **Node.js**, **Express** along with **React Email, Resend**
* Experience with **Microservices Architecture**
* Experience in creating and utilizing **RESTful API's**
* Familiarity with modern development tools and processes (**CI/CD pipelines, OCP(OpenShift), Jenkins, Docker, Kubernetes, Jira, Git, Agile**). **Monitoring services** utilizing **Kafka**, **Splunk** and **Grafana**
* Experience working with **SQL Relational Databases(PostgreSQL, MySQL) and NoSQL (MongoDB)**
* In the past, I successfully **managed a key project at the same institution**, providing proactive, independent leadership to support team members while achieving sprint goals.
* Committed to delivering high-quality solutions that meet both server-side, client and end-user expectations
* 2022-2023  **Web development** with **NextJs**, **NodeJS and React.**
* 2021  **Spring Boot Java and Angular Fullstack Developer.**
* Motivated to learn and share knowledge with high aptitude for grasping new ideas and concepts.

**Experience**

2021 - Present **Scrum Master and a Backend Java Developer, Bank Hapoalim**

* Currently serving as a **Scrum Master** in a newly established **Digital Squad at Bank Hapoalim**, providing **leadership**, fostering **collaboration,** and ensuring effective **Agile practices** for the successful execution of a groundbreaking project.
* **Experienced in Agile development and CI/CD** implementation with **Jenkins, Docker,** and **Kubernetes** in an **OpenShift Container Platform.**
* Developed **Microservices** using **WSO2\API Ready gateway**, creating endpoints with **OpenAPI** (Swagger) and utilizing **Postman** for testing and invoking endpoints.
* Proficient in **developing in a multi-threaded environment** using **CompletableFutures.**
* Utilizing **Java Generics** to enhance code flexibility and reusability.
* Built robust **ETL** processes that listen to Kafka for real-time event updates in databases, utilizing **JPA, Mongo queries, BSON\Criteria.**
* Skilled in **error analysis with Splunk** and **performance monitoring using Grafana.**
* Expertise in **Java testing** with **Spring Boot, JUnit5, and Mockito**, as well as writing **tests for Mongo environments** using **Quilliup.**
* **Contributed to a Hackathon team** collaborating with AWS mentors to implement a new **Remote Control technology.**

2015 - 2021 **System Administrator and Technical Assistance,** John Bryce

* Managed **daily IT issues**, ensuring the smooth operation of systems and networks.
* Oversaw the day-to-day progression of classes, **ensuring technical requirements were met**.
* Provided **proactive and technical support** to **hundreds of students and workers, troubleshooting software and hardware failures.**
* **Identified and resolved network problems** related to personal computers (desktops and laptops).
* **Managed and recruited employees for the IT department.**
* **Administered the Pearson VUE Center,** facilitating the international delivery of certification and licensure exams.

2023 **Portfolio Project - NextJs, React, Tailwind CSS, TypeScript, React Email & Resend, Framer Motion**

* A personal portfolio site that is essentially a showcase of my skills and projects as a full-stack developer, utilizing context for section tracking and dark mode, website is responsive and looks great on various devices and screen sizes, implemented an email system to contact me and performance optimization using server SSR.
* Link to this project: https://github.com/Avitoohband/portfolio
* Link to deployed project: https://avi-t.vercel.app/

2023 **Car Rental Project - NextJs, React, Tailwind CSS, HeadlessUi, TypeScript**

* A web app features a car showcase that presents detailed car information along with accompanying pictures. It enables modern search capabilities with autocomplete, a modern user-friendly interface, utilizing server-side rendering, type safety, and accessible UI components.
* Link to this project: https://github.com/Avitoohband/carRentalProject
* Link to deployed project: avi-car-rental.vercel.app

2021 **Coupon System Project - Spring Boot, Java, Angular, TypeScript, SQL**

* A system which operates as a global data store for purchasing and managing shopping coupons. Server side written with Spring Boot Java, client side made with Angular.
* Link to this project: https://github.com/Avitoohband/Coupon-System-Project

2019 **Assembler Parser Project - C**

* A C program that reads and converts assembly to octal and binary files.
* Link to this project: https://github.com/Avitoohband/C-exercises/tree/main/Assembler%20Parser

**Education and courses**

2022-2023  **Web development** with **NextJs**, **NodeJS and React.**

2021  **Spring Boot Java and Angular Fullstack Developer.**

2019 - 2022 **Computer Science and Psychology,** Open University - **GPA of 85**

2012 **Electrical and Electronics Engineering,** Mekif Gilo

2015 **MCSA** (Microsoft Certified Solutions Associate)

2015  **CCNA** (Cisco Certified Network Associate)

A total of 800+ hours of hands-on course experience.

**Technical skills**

* Programming Languages: **Java**, C, **C++**, **Python**, TypeScript , JavaScript, CSS, HTML
* Technologies: **Spring Boot**, Maven, Gradle, **NodeJs**, **Express**, **React**, **Next.Js**, **Tailwind CSS**, **Headless UI**, **Redux, Framer Motion, React Email, Resend, Angular,** JUnit, Mockito, OCP, **Jenkins**, **CI/CD**, Grafana, Splunk, Docker, Kubernetes, Atlassian Suite, **Git**, **Postman**, **Swagger**, **OpenAPI**, Quilliup, Kafka, Windows, **VSC**, **IntelliJ**, **MySQL, PostgreSQL**, **MongoDB**

**Languages**

**Hebrew** (mother tongue) | **English** (fluent) | **Japanese** (intermediate level)