

Full Stack Developer

Yitzhak Binyamin

Full Stack Developer | Java (3 yrs production) | React & Node.js

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Summary

Full Stack Developer with 3 years of professional experience as a Java Developer in a large-scale production environment.

Hands-on experience building end-to-end web applications with React and JavaScript, and backend development with Node.js, as part of a Full Stack program and self-driven learning.

Strong focus on clean architecture, real-world data modeling, and production-ready code.

Looking for a Full Stack role where I can contribute and continue growing as an engineer.

Experienced in Agile environments, collaborating with cross-functional teams, and taking features from requirements to production. Highly motivated, self-driven, and continuously expanding Full Stack skillset.

Experience

2022 - 2025 Frontend Developer (Java-based Internal Systems), Bank Hapoalim

Led a phased migration of frontend integrations across 4 core internal banking screens used by employees nationwide, replacing legacy Mainframe (MF) calls with Java-based microservices while preserving existing UI and workflows.

Reverse-engineered complex and poorly documented legacy integrations, uncovering hidden business logic and behavioral edge cases to ensure full functional parity during modernization.

Collaborated closely with system analysts to analyze ambiguous legacy workflows and translate outdated data structures into modern service-based architecture.

Refactored client-side service layer to support RESTful microservices through an incremental rollout strategy, minimizing operational risk in a regulated financial environment.

Ensured seamless transition for high-usage financial workflows without disrupting daily operations or requiring UI redesign.

Projects

Full Stack E-Commerce Web Application (React & Firebase) ([GitHub](#))

- Developed a full-stack e-commerce web application, supporting Admin and Customer roles. Built a React-based client with **Redux** for state management, dynamic product catalog, shopping cart, order flow, and data-driven UI components.
- Implemented backend services using Firebase, including **Firebase** Authentication for user management and role-based access, and Firebase as a data store for products, users, and orders. Integrated dashboards and charts to display sales statistics and customer activity.

Technologies: React, Redux, JavaScript, Firebase, Firebase Auth, REST principles.

Backend Factory Management System (Node.js & MongoDB) ([GitHub](#))

- Developed a backend-focused factory management system as part of a Full Stack training program. Built a Node.js and Express server with MongoDB, implementing a structured **REST API** with routers, controllers, and data access layers.
- Implemented **JWT**-based authentication and authorization, user action limits per day, and role-based system behavior. Using **MongoDB** to designed relational data models for employees, departments, shifts, and users, including complex relationships and business rules. Integrated logging and validation mechanisms to enforce system constraints and data consistency.

Technologies: Node.js, Express, MongoDB, JWT, REST APIs, JavaScript.

Technical Skills

Backend: Node.js (project-based), Java, REST APIs

Frontend: JavaScript, React, Redux

Databases: Firebase, MongoDB, SQL

DevOps & Tools: Git, GitHub, Bitbucket, Docker, Kubernetes, Jenkins, CI/CD

Other: OOP, Algorithms, Data Structures, MVC, Agile, Jira, Confluence

Education and Courses

2025 Full Stack Development Program – Yaniv Arad

Completed an intensive Full Stack program covering client-side development with React and Redux, backend development with Node.js and Express, REST API design, authentication with JWT, and data persistence using MongoDB and Firebase, including multiple end-to-end practical projects.

2022 **Java & Spring Back-end bootcamp**

- Completed an intensive backend-focused program with hands-on experience in Java, Spring, RESTful APIs, databases (SQL & MongoDB), and production-oriented development practices.

2016 - 2020 **Computer Science & Mathematics student - Ariel University**

- Core studies included Object-Oriented Programming, Data Structures, Algorithms, Operating Systems, Databases, Software Engineering, and Computer Networks

Military Service

- 2010 - 2013 Sargent first class in Combat Unit 'Nahal', IDF

Languages

- **Hebrew** - Native Speaker | **English** - Full professional Proficiency