

Niv Shtibel

Full Stack Developer

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TECHNICAL SKILLS

Languages: JavaScript, HTML5, CSS

Frameworks & Technologies: Node.js, NestJS, React.js, TypeScript, Redux, GraphQL, ORM (Prisma), Docker, Git, Redis, Kafka, Monorepo (Turborepo, Nx), Jenkins, GitHub Actions, ESLint, Jest

Databases: SQL (MySQL, RDS, PostgreSQL), NoSQL (MongoDB, DynamoDB, Elasticsearch)

Cloud Services: AWS, EC2, S3, JWT, OAuth2

WORK EXPERIENCE

Oversight (SenseApps)

Mar 2021 – Present

Full Stack Developer

Petah Tikva, Israel

- Developed an e-commerce management web application targeted at shop owners providing detailed and comprehensive tools such as full dashboard analytics, and a configurable WhatsApp chatbot using Node.js (Nest.js) and React.js.
- Containerized services for automated deployment using Docker and integrated Jenkins, resulting in a 30% improvement in software reliability and faster deployment while enabling a scalable host architecture.
- Spearheaded the development of a new codebase architecture, implementing best practices and improving code cleanliness through shared classes, reducing employee onboarding time and improving overall code readability.
- Directed team-wide unit testing for the frontend and backend, increasing code coverage and confidence in code changes, leading to a 25% decrease in regression bugs and reduced time spent on manual testing.
- Led an effort to rewrite the codebase with an opinionated framework, NestJS, increasing development velocity across multiple departments and system maintenance through a modular architecture with lightweight microservices.
- Implemented Kafka as an internal messaging system, boosting data handling and communication efficiency, resulting in a 30% improved processing speed and increased customer satisfaction.

Checkpoint

Jul 2020 – Mar 2021

Automation Developer

Tel Aviv, Israel

- Developed a C++ program to detect failures in industrial machinery before errors occurred by monitoring deviations in sensor data during operations, reducing reliance on technical assistance, and improving equipment availability by 15%.
- Facilitated the maintenance of high-quality standards for automation tools and software by coordinating the review, testing, and deployment process in adherence to best practices, resulting in a 40% reduction in bugs and issues.
- Contributed actively to team goals through requirements gathering, short-term and long-term planning, project management, and mentorship in collaboration with others, resulting in a more cohesive and productive team environment.

PROJECTS

Users Library ([GitHub](#) | [Demo](#))

Mar 2023 – Mar 2023

- Built a responsive user library database website, providing organized tracking of user information in React, with field validation, error handling, Redux for state management, and TypeScript for better code quality and search filtering.
- Implemented end-to-end functionality including unique user keys, image storage, and CRUD functionality through Vite, MUI, Zod, and Framer Motion to expand the feature set with meaningful visualization

Users API ([GitHub](#) | [Demo](#))

Mar 2023 – Mar 2023

- Developed a responsive user API and interface for the backend of the database website with CRUD functionality and error handling, providing a scalable architecture supporting high QPS using Nest.js, Zod, Typescript, pg, and Turborepo.
- Conducted full unit testing for robust system validation, and set up CI/CD to streamline the launch process.
- Anticipated a slight delay during service initialization, leading to better error handling and improved service reliability.

EDUCATION

Magshimim

Nov 2015 – Nov 2018

National Cyber Program

Bat Yam, Israel

"Clean Code" by Robert C. Martin (Self-Study)

Feb 2023 – Mar 2023