

# SHAY BUSHARY

## FULL STACK DEVELOPER

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### SKILLS

**Front End:** JavaScript, Angular, d3, Localization (i18n), TypeScript, Vite, React, Redux, Code Splitting, HTML, CSS3.

**Backend:** Python, NestJS, Node.js, Micro Services, SQL(MySQL), NoSQL(MongoDB, Redis), Express, RESTfull API, WebSockets(socket.io), user authentication (JWT & cookies).

**Tests:** Karma, Jest, Playwright, React Testing Library.

**Technologies & Tools:** AWS services(S3, lambda functions, IAM, cloudwatch, ECS, EC2) , monorepo, microservices, agile, docker, storybook deployment to production, git, github actions, circlegci, Jira, IntelliJ, VSCode.

### LANGUAGES

Hebrew(native), English(profesional).

### SUMMARY

**NodeJS • MongoDB • Postgres • Redis • AWS • TypeScript • ReactJS**

Results-driven Full Stack Developer with expertise in developing robust web applications using modern technologies. Skilled in both frontend and backend development, with a strong focus on creating scalable, efficient solutions that meet business requirements and enhance user experience.

### WORK EXPERIENCE

#### Full-Stack Developer - [1touch.io](#)

2021 - 2024

1touch.io Inventa delivers a fully autonomous, holistic, and up-to-date view of an organization's sensitive data usage.

- Maintained and developed **Node.js** and **NestJS microservices**, containerized with **Docker** and deployed on **AWS Cloud**. Implemented comprehensive **unit and integration testing** to ensure reliability.
- Designed and optimized data storage using **MongoDB** for persistent data and **Redis** for high-performance temporary caching.

#### Tech Lecturer - ORT Colleges

2024 - Present

Lecturer in Algorithms & Full Stack Development Algorithms with **Python**, Advanced **TypeScript**, Cloud & DevOps(Docker | AWS | CI/CD pipelines)

- Teach **SQL, AWS services (S3, Lambda, EC2, etc..)**, and message queues for scalable processing.
- Guide students on **Docker** and **CI/CD** pipelines for efficient **cloud deployments**.

#### Senior Front-End Developer - [Discount](#)

2024 - Present

Specializing in building scalable, high-performance applications with a focus on monorepo management, microfrontend architecture, and code quality optimization.

- Manage and optimize a **monorepo** using **Nx**, ensuring efficient code sharing, modular architecture, and consistency across microfrontend projects.
- Collaborate with the team to develop scalable, high-performance **microfrontends**, leveraging best practices for frontend architecture and **continuous delivery**.

### EDUCATION

#### Full Stack Developing Course - Ort College BlackOps

2021 - 2021

Finished an intensive, full-time course covering **SQL, Java, JavaScript, React, and NodeJS, MongoDB, MySQL** dedicating 5 days a week to in-depth learning and hands-on projects.

#### Machine Learning Course - Yaniv Arad Training Labs

2023 - 2024

Accomplished a 3-month practical machine learning course. Built ML pipelines with **Scikit-Learn** and **Pandas** in Anaconda. Dive deep into different types of models

### MILITARY SERVICE

#### Cyber Security Unit

2018 - 2021

Personal Assistance of a Brigadier General Commander