Elad Reuveny *Full Stack Developer | Software Engineer*

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Full Stack Developer & Software Engineer with a B.Sc. in Computer Science from The Open University of Israel. Experienced in building scalable web applications using React, TypeScript, Tailwind CSS, NestJS, Spring Boot, PostgreSQL, and Docker. Skilled in RESTful API design, database management, responsive UI/UX, and deploying applications on modern cloud platforms. Familiar with microservices architecture (HTTP and message-broker patterns), caching with Redis, and CI/CD fundamentals. A fast, self-driven learner with strong problem-solving skills, effective independently or in teams, and passionate about delivering high-quality, user-focused solutions.

🧠 Skills

Programming Languages: TypeScript, JavaScript, Java, SQL, C#, C, C++, Python ●
Frontend: React, Tailwind CSS, HTML, CSS ● **Backend:** NestJS, Spring Boot, Express.js, Node.js ●
Databases & APIs: PostgreSQL, MySQL, Redis, Postman, Swagger ● **DevOps & Deployment:** Git, GitHub, Docker, Netlify, Render, Neon, AWS (S3, CloudFront, Route 53, ECS, ECR) ● **Tools & Environment:** JWT, Vite, npm, Maven, Linux

📁 Projects

Football API Manager | React, TypeScript, Tailwind CSS, NestJS, PostgreSQL, Docker, JWT 🔗
- Developed a RESTful API platform for managing and visualizing football data, featuring secure JWT-based authentication and structured data management.
- Designed and implemented scalable backend services using NestJS, with PostgreSQL for relational data storage and Docker for containerized deployment.
- Built an interactive React frontend for browsing and managing football statistics, optimized with Vite.
- Tested and documented using Postman and Swagger, ensuring reliability and clear API specifications.

Electronics - Full-Stack E-Commerce Platform | React, Spring Boot, PostgreSQL, Docker 🔗
- Developed a fully responsive e-commerce platform with secure authentication, product and profile management, shopping cart, wishlist, and order processing and tracking.
- Designed RESTful APIs using Spring Boot and JPA, and implemented data persistence with PostgreSQL.
- Built a responsive and dynamic UI in React; optimized for performance and scalability.
- Containerized the application with Docker for consistent and portable deployment across environments.

Custom Assembler/Compiler | C 🔗
- Built a custom assembler and compiler to convert assembly instructions into binary machine code.
- Developed modules for lexical analysis, parsing, and code generation.
- Focused on performance, optimizing compilation accuracy, error handling, and execution efficiency.

💼 Professional Experience

Full Stack Developer & Software Engineer | Freelance
- Developed and deployed full-stack applications using React, TypeScript, Spring Boot/NestJS, PostgreSQL, and Docker.
- Designed REST APIs, managed database schemas, and implemented secured user authentication.
- Built responsive UIs in React with dynamic routing, state management, and API integration.
- Containerized services using Docker and Docker Compose for consistent and portable development and deployment.
- Performed debugging, code optimization, collaboration and version control using Git and GitHub.

🎓 Education

B.Sc. in Computer Science | The Open University of Israel   2021 – 2025
- Gained theoretical and hands-on knowledge in Data Structures, Algorithms, OOP, DBMS, Design Patterns and Multithreading.

High School Diploma | Ohel Shem   2011 – 2015
- Graduated with high honors; specialized in Computer Science stream.

🎖 Military Service

Aircraft Technician | Israel Air Force   2015 – 2019
- Led a technical unit maintaining complex aircraft systems under high-pressure conditions; Gained leadership, troubleshooting, and precision work.

🏛 Community Involvement

Volunteer Instructor | Yigal Alon School
- Tutored and mentored students facing academic challenges, fostering a supportive learning environment.

🌐 Languages

Hebrew - Native | English - Advanced Proficiency