Ilya Hvostenko - Full Stack Developer

Contact

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Portfolio: portfolio-ilyajavadevs-projects.vercel.app

Languages: Russian, Hebrew, English, Ukrainian | Origin: Ukraine → Israel (2014)

Summary

Full Stack Developer specializing in advanced frontend engineering and modern UI/UX systems. Strong focus on React, Next.js, React Native, TypeScript, motion design, and 3D rendering with Three.js. Experienced building CRMs, dashboards, analytics tools, mobile applications, 3D showcases, internal company systems and cloud-connected web platforms.

Backend experience includes Java, Spring Boot, Node.js, REST APIs, JWT-based authentication and scalable DB design.

Hands-on understanding of Terminal Operating Systems used in Ashdod Port, including workflow logic, container routing, yard planning and vessel operations.

Technical Skills

Frontend: React, Next.js, React Native, Expo, TypeScript, JavaScript, Tailwind, SCSS, CSS Modules, Zustand, Redux Toolkit, React Query, SWR, React Hook Form, Next Auth, Axios, WebSockets, Socket.io, UI state machines.

3D & Visual Engineering: Three.js, React Three Fiber, shader materials, GLSL basics, PBR pipelines, lighting systems, scene optimization, post-processing, environment maps, video textures, camera rigs.

Backend: Node.js, Express, Java, Spring Boot, Hibernate, REST APIs, authentication flows, microservice basics.

Databases: PostgreSQL, MySQL, MongoDB, Redis, Firestore, Appwrite DB, Supabase basics.

Cloud & DevOps: Docker, Git, GitHub, GitLab, CI/CD, AWS S3, Firebase Hosting, Vercel, Netlify, Nginx basics.

API & Testing Tools: Postman, Swagger, Insomnia, Jest, React Testing Library, Cypress, Postman test automation, JUnit, Mockito.

Additional Engineering: architecture fundamentals, performance optimization, accessibility, responsive patterns, design systems, component architecture.

Projects

Apple 3D Showcase - interactive 3D MacBook model with lighting, animated materials, real-time video textures.

Maestro Studio - creative agency landing with motion layers and smooth transitions.

Maestro Web - corporate UX-focused website.

Lila - modern animation-driven landing.

Hutzahav - creative branded website.

Lev Group - multilingual corporate web platform.

Edutreck CRM - educational management system with dashboards and CRUD modules.

StockStats Dashboard - analytics tool with charting and backend integrations.

Additional: multiple mobile apps, experimental 3D environments, UI component libraries.

Experience

Ashdod Port - Terminal Operating System Specialist (2024-Present)

- Oversee TOS systems: vessel workflow, container routing, crane sequencing, yard planning.

- Test, validate and report on new logistics software.

- Work with real-time operational data.

Elpisor LTD - Full Stack Developer (2022-2023)

- Built CRMs, dashboards, API integrations, internal tools.

- Improved UI stability, backend performance and data consistency.

Independent & Tel-Ran (2021-2023)

- Full-stack engineering, UI/UX, mobile projects, 3D development, architectural learning.

Military Service

IDF Navy, Battalion 916 (2018-2021)

- Mission planning, encrypted communication, vessel monitoring, operational reporting.

- Managed classified systems and operational computers.

- Responsible for emergency workflows and mission-critical coordination.

Education

Full Bagrut | Full Stack Java Developer (Tel-Ran) | Advanced IT & Graphics (420h)

Continuous learning: React, TypeScript, 3D graphics, system architecture, mobile development