Avi Koenig

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Full-Stack Developer | Passionate About Scalable Solutions and Team Growth
With 7 years of experience in web development, I thrive on building robust, scalable systems that solve complex problems. I am dedicated to creating high-quality solutions using modern technologies like JavaScript, TypeScript, Node.js, and Kafka. I seek roles where I can contribute to innovative projects, collaborate with dynamic teams, and continuously refine processes to deliver lasting impact. My approach emphasizes strong coding standards, efficient architectures, and fostering a culture of learning and growth.

Work Experience

2024 - present: Full-Stack and PL/SQL Developer - 019 Mobile
Streamlining and enhancing a complex legacy system to improve maintainability, scalability, and performance while reducing technical debt.
Establishing modern standards and methodologies to ensure consistent, high-quality development practices across the various company projects.
Refactoring key components to optimize functionality, minimize bugs, and improve reliability.
Driving system upgrades and redesigns to align with organizational objectives and future growth.
Migrating Vue 2 projects to Vue 3.

2024 - Teacher & pedagogy director assistant - Webiks
Initially focused on teaching software development to IDF Unit 8200, later advancing to mentor educators and guide instructional strategies.
Collaborated on curriculum design, addressing emerging challenges and ensuring the content met evolving educational and technical needs.
Served as a key consultant for both educators and the pedagogy director, offering insights to enhance teaching methodologies and course effectiveness ensuring graduates have a solid knowledge base in various fields and core concepts preparing them to be productive developers as soon as possible.

2023 - Backend infra developer – FLARE
Engineered backend solutions adhering to company conventions and methodologies, enhancing system integrity and maintainability.
Enforced monitoring policies and promoted their use to improve system reliability and facilitate proactive issue resolution.
Expanded financial auditing capabilities by integrating with external platforms like Deloitte and NetSuite, contributing to pre-IPO readiness and PCI compliance.
Developed and maintained NestJS microservices utilizing GraphQL, MongoDB, AWS S3, Lambda functions, and established CI/CD pipelines.
Applied test-driven development (TDD) using Jest to ensure high code quality and robust functionality.

2021–2022 – Backend/Integrations Developer – Tictuk
Designed and implemented integrations between diverse data sources to streamline data exchange in a real-time order management system.
Optimized database queries and API workflows, reducing response times and improving user experience.
Built scalable backend services using Node.js, TypeScript, MongoDB, and ElasticSearch, ensuring reliable performance under high load.

Contributed to operational efficiency by automating key data synchronization tasks, reducing manual intervention and error rates.

2020-2021 - Fullstack tech lead, [Partner Telecom](#)
Introduced Agile workflows and CI/CD pipelines to improve team collaboration, streamline deployment processes, and reduce time-to-market for internal tools.
Established a standardized development environment with Docker and Node.js, enabling faster onboarding and consistent builds across teams.
Implemented code review processes and best practices, improving code quality and reducing bugs in production.
Migrated legacy C# .NET services with Oracle PL/SQL to Node.js architectures to improve scalability, reduce licensing costs, and simplify maintenance.
Leveraged Node.js for faster development cycles and better integration with modern front-end frameworks like React and Vue.
Streamlined database operations by optimizing queries and reducing dependencies on tightly coupled PL/SQL logic, enabling greater flexibility for future enhancements.
This migration reduced downtime during deployments, improved system performance, and allowed for easier onboarding of developers familiar with JavaScript ecosystems.

2017–2020 – Full Stack Developer – [Eden Internet Systems](#)
Contributed to the development of the company's flagship SaaS ERP platform for moving companies, built with Node.js, Kendo UI, and SQL, serving businesses of all sizes.
Designed and implemented end-to-end features such as dispatch management and quote assistance tools, improving operational efficiency for clients.
Delivered client-specific customizations on demand, leveraging jQuery, Kendo UI, and MSSQL stored procedures to meet diverse business needs.
Played a key role in modernizing an 18-year-old legacy system, transitioning to a Node.js-based architecture with server-side rendering (SSR) to enhance performance and maintainability.
Collaborated closely with clients and internal teams to deliver high-quality solutions that aligned with evolving industry requirements.

2011–2017 – Hybrid Role (Helpdesk & IT) – [Eden Internet Systems](#)

Started as a helpdesk technician, providing technical support and solutions to company clients, ensuring high customer satisfaction.
Progressed to managing server maintenance and IT operations, optimizing system performance and reliability.
Implemented no/low-code customizations to tailor company products to client needs, enabling faster deployment of solutions and reducing development overhead.
Played a key role in bridging client needs with technical capabilities, contributing to product improvements and operational efficiency.

🎓 **Education** - 2020: Coding Academy Israel.

2004 – 2007: Israeli Defense forces proudly serving my nation
Served as a Drill Instructor, teaching and mentoring new recruits, fostering discipline and teamwork.
Promoted to Staff Sergeant, responsible for training and mentoring junior drill instructors, ensuring high instructional standards and leadership development.
Gained valuable experience in leadership, communication, and training methodologies in a dynamic and high-pressure environment.

🈯 **Language Skills**
    Hebrew – Native; English – Native; French – Conversational; Portuguese – Basic