Avi Koenig - Senior Backend-Oriented Full-Stack Developer

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Tel Aviv, Israel

Senior backend-oriented full-stack developer with 7+ years of experience
designing, modernizing, and scaling production systems. Strong focus on Node.js/TypeScript, PHP, and database-heavy systems (Oracle, MSSQL, MongoDB). Experienced in legacy modernization, clean architecture, cloud services, and improving system reliability, performance, and developer velocity.

MAIN TECHNICAL SKILLS
Languages: JavaScript, TypeScript, Node.js, PHP, PL/SQL
Backend: NestJS, GraphQL, REST, Kafka, Microservices
Databases: Oracle, MSSQL, MongoDB, ElasticSearch
Frontend: Vue 2/3, React (working knowledge)
Infra & Tools: AWS (Lambda, S3), Docker, CI/CD, Jest, Git

Work Experience

09/2024 - present: Full-Stack and PL/SQL Developer - 019 Mobile
• Modernized and refactored large legacy CodeIgniter systems, reducing technical debt and improving long-term maintainability.
• Led clean-architecture refactors and cross-layer system upgrades across backend and database layers.
• Designed and optimized complex Oracle PL/SQL procedures for performance-critical business flows.
• Executed frontend modernization efforts including Vue 2 → Vue 3 migrations.

01/2023 - 06/2024: Backend infra developer – FLARE
• Developed and maintained NestJS microservices using GraphQL, MongoDB, and AWS Lambda in a financial-grade environment.
• Implemented monitoring and auditing flows supporting PCI compliance and integrations with Deloitte and NetSuite.
• Applied TDD practices with Jest to maintain high code quality and production stability.
• Contributed to infrastructure readiness for pre-IPO scale and regulatory requirements.

03/2021 - 12/2022: Backend/Integrations Developer – Tictuk
• Built and maintained backend services and real-time integrations across multiple external data sources.
• Optimized database queries and API workflows, significantly reducing response times.
• Built scalable backend services using Node.js, TypeScript, MongoDB, and ElasticSearch.

07/2020 - 02/2021: Fullstack tech lead, Partner Telecom
• Introduced Agile workflows and CI/CD pipelines, improving deployment reliability and development throughput.
• Standardized development environments using Docker and Node.js, reducing onboarding time.
• Led migration from C#/.NET and PL/SQL-heavy systems to Node.js-based architectures, lowering costs and complexity.

05/2017 - 06/2020: Full Stack Developer – Eden Internet Systems
• Developed and maintained a SaaS ERP platform using Node.js, SQL, and Kendo UI for operational management systems.
• Modernized an 18-year-old legacy system into a Node.js-based architecture with SSR.

03/2011 - 03/2017: Hybrid Role (Helpdesk & IT) – Eden Internet Systems

Languages: Hebrew (Native), English (Native), French (Conversational), Portuguese (Basic)