

SEBOUH MAZLOUMIAN

Senior Software Engineer



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SUMMARY

I'm a Senior Software Engineer with 10 years of experience delivering software across Media, Sports, Gaming, Analytics, and Healthcare. I work primarily in JavaScript/TypeScript, Go Lang, and Rust, leading teams, mentoring developers, and owning technical workflows end to end, always focused on solving hard problems and shipping solutions that move the business forward leveraging modern AI tools and best practices.

EXPERIENCE

2026 - Present

USA · Remote · Healthcare

Team Lead

EPAM Systems · EBSCO

www.dynamed.com, www.dynamedex.com/, www.dynahealth.com/

Tech: Next.js, Go Lang, Node.js, Kiro (AWS Agentic IDE), GitHub Copilot, Claude Code, Webpack, Module Federation, Micro-Frontends, React Native, DynamoDB, PostgreSQL, OpenAPI, Swagger, AWS

- Leading EBSCO's DynaMed clinical-decision micro-frontends and building an internal AI onboarding assistant with an admin panel
- Led a team of 4 members in an Agile environment as part of a larger team operating under the SFAFe methodology, ensuring seamless collaboration and efficient project execution.
- Used company-wide MCP and project-specific MCP to input and output specs into Confluence pages, design new features using SDD, and generate tests using agents based on project structure read from Confluence docs.
- Migrated 9 legacy micro-frontends and container from React v15 to v19 and React Router v5 to v7, addressing significant breaking changes by designing robust wrappers to maintain system reliability and availability during the transition.
- Developed and implemented new endpoints for the Node.js middle layer to support an expanded range of data sources, enhancing system functionality and scalability.
- Leveraged tools such as Kiro, Copilot, Claude Code, and the company MCP to optimize development processes and improve overall efficiency.

2024 - 2025

Netherlands · Remote · Retail

Senior Software Engineer

EPAM Systems · Ahold Delhaize

Tech: Next.js, Node.js, React Admin, MongoDB, Azure, Grafana, Terraform, Kotlin, Apache Kafka

- Financial Posting Hub and Eurelec - enterprise finance and document-management platforms for a global retailer.
- Built the Eurelec admin app from scratch with React Admin & Next.js, delivered to production on a tight timeline
- Implemented complex query builder for SPEL language to support financial queries.
- Implemented a Node.js middle layer bridging Kotlin/Spring Boot/Kafka back-ends with the front-end.
- Processed business transactions into financial postings with reconciliation, error handling and monitoring.
- Ran knowledge-transfer sessions so the client team could keep maintaining the apps.

2024 - 2025

Israel · Remote · Media & AI

Technical Lead

Driply

www.driply.me/

Tech: Next.js, Go Lang, Node.js, WebSockets, Grafana, Terraform, Fastify, GCP, LangChain, MongoDB, PostgreSQL, Prisma, Docker, Kubernetes

- AI-enhanced media gallery that generates tailored event videos from detected mood and event type.
- Engineered backend services with REST/GraphQL APIs for asset management
- Built and scaled a container-orchestrated microservices stack processing thousands of high-res assets with message queues and CDN
- Led the backend team on service boundaries, data contracts, CI/CD and observability for zero-downtime deploys

2021 - 2024

USA · Remote · Digital
Copyright

Senior Software Engineer

PEX

pex.com

Tech: Go Lang, Vue 3, React, Netlify, Miro, Google Docs API, GitHub Actions, Cloudflare, AWS Lambda, Amazon CloudFront, PostgreSQL, CockroachDB, Apache Cassandra, Kafka, Docker, Kubernetes

- Platform for registering and protecting copyrighted assets with real-time infringement alerts.
- Migrated a legacy monolith to modular Go Lang services, cutting latency and easing releases
- Revamped a legacy React app into Vue 3, boosting performance and maintainability
- Co-developed a 20+ component library with a unified design system
- Raised coverage (+40% unit, +20% e2e) and mentored a developer to promotion

■ EXPERIENCE

2021 USA · Remote · Fitness & E-commerce	Senior Software Engineer TRX Training www.trxtraining.com Tech: React, Next.js, Go Lang, Node.js, Fastify, PostgreSQL, GraphQL, Stripe, Microservices - Live online training sessions and an equipment e-store with subscriptions and one-off purchases. - Developed a cross-platform real-time coaching app for remote training - Implemented secure, seamless payments with Stripe and RevenueCat - Automated billing and financial transactions to bank accounts
2020 - 2021 USA · Remote · Cybersecurity	Software Engineer EPAM Systems · Zscaler Tech: React, Redux, ECharts, Node.js, MongoDB - Cloud-security dashboards visualizing network data from multiple APIs for a global security provider. - Implemented advanced features with complex network charts (ECharts) and multi-API data - Led the team's transition to React Hooks from a legacy application - Significantly increased test coverage
2019 - 2020 USA · Remote · Healthcare	Software Engineer EPAM Systems · MSK Cancer Center Tech: WebRTC, React, Redux, Node.js, VoIP, MongoDB - WebRTC platform enabling 3-way interpreter calls between medical staff and non-English-speaking patients. - Helped architect and define the front-end application - Built a WebRTC product for interpreter-assisted communication across desktop and mobile
2016 - 2019 Australia · Remote · Risk Management	Junior Fullstack Engineer Austere Risk Tech: Node.js, React, Firebase, Leaflet, MongoDB, PWA - Live-tracking dashboard and PWA for hikers with first-aid content, scheduling and real-time chat. - Turned product ideas into backend specs, data models and delivery milestones - Delivered live tracking, first-aid content and scheduling over WebSocket + push pipelines - Integrated real-time chat backed by event streams and queueing

■ TECH SKILLS

JavaScript	TypeScript	React	Next.js	CSS	SCSS	Micro-frontends	React Native	Vue 3	Node.js	Go Lang	Rust
Nest.js	PostgreSQL	MongoDB	DynamoDB	AWS	GCP	Docker	Kubernetes	Terraform	Grafana	Azure	
Agentic Development	Copilot	Claude Code	Kiro (AWS)	Gemini	Antigravity	RAG	System Design	Microservices			
Event Driven	Serverless	GraphQL	REST	gRPC							

■ ACHIEVEMENTS / SIDE ACTIVITIES

ASMT Committee Expert (EPAM) Responsible for evaluating people promotions and role changes within the company through assessment sessions.
Certified Tech Interviewer (EPAM) Responsible for conducting global technical interviews JavaScript / Go Lang (200+) as part of the hiring process and evaluating candidate skills aligned with organizational standards.
Resource Manager (EPAM) Supporting resource planning, role allocation, and team balancing across projects.

■ EDUCATION

2012 - 2016 Yerevan, Armenia	Bachelor's of Business Management Armenian State University of Economics
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■ LANGUAGES

ENGLISH Fluent	ARMENIAN Native	ARABIC Fluent
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