



ARIK YUDIN

Sr. Full Stack Engineer

Profile

Senior Full-Stack Engineer with 15+ years of experience building complex, data-intensive software systems. Specialized in frontend architecture and modern React applications, with extensive experience designing distributed backend services, ETL pipelines, secure on-prem connectivity solutions, and cloud-native infrastructure. Passionate about solving technically challenging problems, improving engineering productivity, and building scalable systems that enable teams and products to move faster.

Experience

Senior Frontend Engineer (Frontend Team Lead)

Exodigo | 2025 - Present

- Architected and evolved the frontend of ExoPlanner, a large-scale GIS platform built with React, TypeScript, GraphQL and Mapbox for complex geospatial workflows.
- Introduced Playwright as the project's first E2E testing framework, replacing manual sanity testing with automated regression suites integrated into CI.
- Built a dynamic Canary deployment platform that automatically provisions preview environments for every git PR, accelerating visual QA and reducing release risk.
- Reduced loading time of large GIS customer sites by ~50% by redesigning GeoJSON loading from monolithic downloads to incremental multi-chunk delivery.
- Partnered with Product, Design and Backend teams to deliver scalable engineering solutions while leading a team of four frontend engineers and remaining the primary hands-on architect for complex technical initiatives.
- **Tech Stack:** React • TypeScript • GraphQL • AWS • AppSync • TanStack Query • Zustand • Mapbox GL • Vite • Playwright • GitHub Actions • LogRocket

Front-End Team Lead

Coralogix | 2025

- Led the multidisciplinary RUM engineering team responsible for the observability portal and Browser/Mobile SDKs.
- Designed and delivered an innovative mobile session replay solution based on SDK-captured screenshots, eliminating continuous video recording while dramatically reducing bandwidth and storage costs.
- Led development across Browser, iOS, Android, Flutter and React Native SDKs.

Tech Stack: Angular • TypeScript • GraphQL • Playwright • React Native • Flutter

EDUCATION

M.Sc. in Tech Management
Holon Institute of Technology
2020-2023

B.Sc in Software Engineering
Jerusalem College of
Engineering
2006 - 2010

HARD SKILLS

Python
Node.js
React
Angular
TS
SQL
K8S
AWS
Apachi Nifi

LANGUAGE

Hebrew
English
Russian

FRONTEND

React
TypeScript
Tailwind
Next.js
Redux
Zustand
TanStack Query

BACKEND

Node.js
Python
Django
GraphQL
REST

CLOUD

AWS
Azure
K8S

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Experience

Senior Software Engineer (Full-Stack)

Aperio.ai | 2018 – 2025

- Architected a secure hybrid-cloud platform using custom on-prem agents and Apache NiFi to synchronize industrial time-series data from isolated customer environments to AWS.
- Built cloud-native SaaS applications using React, Python Stack on top of AWS for enterprise customers.
- Designed scalable frontend architecture for complex React applications with a strong focus on performance and maintainability.
- Modernized the E2E testing platform by migrating from Selenium/Python to Cypress + TypeScript, improving test reliability and developer productivity.
- Designed CI/CD pipelines and deployment infrastructure to streamline software delivery.
- Worked directly with enterprise customers to translate complex business requirements into scalable end-to-end solutions.
- During the final two years, served as technical lead while remaining the primary architect and hands-on contributor for the platform's most complex engineering challenges.
- **Tech Stack:** React • TypeScript • Python • Django • AWS • Kubernetes • Kafka • Redis • Docker • Apache NiFi • Impala • PostgreSQL • REST APIs • Cypress • Azure

Full-Stack Engineer (Technical Lead)

Start.io | 2014 – 2018

- Architected and developed large-scale self-service web applications using the MEAN stack (MongoDB, Express.js, AngularJS and Node.js).
- Led technical design, code reviews, and engineering best practices while remaining the primary hands-on engineer.
- Designed scalable frontend and backend architectures for high-traffic production systems.
- During the final two years, led a distributed team of six engineers, driving Agile development, CI/CD adoption, technical recruiting, and software delivery.
- Partnered with Product and business stakeholders to translate complex requirements into scalable technical solutions.
- **Tech Stack:** AngularJS • Node.js • Express.js • MongoDB • JavaScript • TypeScript • REST APIs • CI/CD

Frontend Engineer

Coolvision | 2012 – 2014

- Developed cross-platform web applications for Smart TV, Mobile and Desktop devices using HTML5, CSS3 and JavaScript.
- Built user interfaces for media streaming platforms including Google TV, Apple TV and Boxee.
- Optimized web applications for performance and compatibility across modern browsers and embedded devices.
- Worked with .NET technologies and Visual Studio to support frontend development and platform integration.
- **Tech Stack:** JavaScript • HTML5 • CSS3 • jQuery • jQuery Mobile • C# • .NET