

YOSSI WOLFE

Senior / Lead Software Engineer · React Native, BLE & Mobile Platforms

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Israeli citizen · Available immediately · Open to on-site or hybrid in Gush Dan

SUMMARY

Software engineer, 12+ years. Since 2023, leading React Native / Expo platforms that talk to hardware: BLE device integration, Kotlin and Swift native modules, and real-time access control. Built on a decade of production web engineering in React, Next.js and Node.js, including Tier-1 distributed systems and a custom React rendering engine at The Wall Street Journal. Owns the full mobile lifecycle, architecture through store release. Previously worked in Jerusalem; returning to Israel permanently.

EXPERIENCE

Lead Software Engineer · Tekletics / OpenTech Alliance (Remote)

Mar 2023 – Jul 2026

- Led three production apps: **Storage Treasures** and **Manager Genie** built from scratch in Expo / React Native, and **Storage Genie**, rebuilt in Expo from the legacy app. Led two engineers on Storage Genie and Manager Genie and four on Storage Treasures, running the scrum and writing every story myself.
- Built Storage Genie's access-control layer for the smart-lock platform: **Kotlin and Swift native modules** handling BLE advertising, connection lifecycle, and the encrypted lock-to-phone handshake, plus front-end work across the app.
- Hardened the **BLE connection lifecycle**: app-side exceptions could skip disconnect while the hardware held the link open, knocking keypads offline. Guaranteed cancellation on every error path.
- Cut Storage Genie's Android crash rate from **~30% to under 0.1%** on an app serving hundreds of thousands of users: root-caused a Samsung-specific crash in an incompatible dropdown library and killed a launch-time loop over a multi-thousand-facility list.
- Built GitHub Actions release pipelines for EAS (on-demand builds, OTA updates, App Store and Google Play); introduced Jest unit testing across all apps and trained the team.
- Designed an AI-powered search prototype (Vercel AI SDK, LLM integration); AWS serverless delivery (Lambda, CloudFormation / SAM, Python), including for Vive Healthcare.

Technical Lead · AE Studio (Remote)

Dec 2021 – Nov 2022

- Led the Flow / Cadence side of the South China Morning Post ARTIFACT platform with SCMP's in-house team on the Next.js front end; the 1997 collection generated ~US\$260K in reported sales. Ran three concurrent client projects.

Dow Jones / The Wall Street Journal · New York

Dec 2016 – Nov 2021

Lead Software Engineer & Architect

Feb 2021 – Nov 2021

- Originated the **WSJ Static Article Page** platform as a prototype proving the paywall could move client-side: serve one cacheable static page carrying the full encrypted article, decrypt in the browser for entitled readers. Built it out as a Tier-1 high-traffic system (CloudFront, Lambda, S3, Terraform, GitHub Actions) and led the four-engineer Web Platform team.

Senior Software Engineer

Jun 2018 – Feb 2021

- Front-end lead for Talk 2020, an AWS partnership behind the Kendra launch (NLP search over tens of thousands of transcripts); founded the CTO-endorsed Dow Jones Education Program, feeding a junior hiring pipeline.

Software Engineer

Dec 2016 – Jun 2018

- Built and ran the WSJ Homepage, Section, and Article apps for millions of daily readers (React, Node.js, custom React rendering engine); managed AWS production deployments.

Earlier: Web Developer, WestStar Multimedia · Co-Founder, Brightest Lighting

2015 – 2016

Full-Stack Developer · Beyond Stores (home-furnishings e-commerce), Miami FL

2013 – 2015

- Built and maintained the e-commerce platform across a period when revenue grew from **\$7M to \$14M**. Worked from Talpiyot, Jerusalem on Israeli payroll for the Miami-based retailer, across time zones.

PROJECTS

SO-101 Robotic Arm · Teleoperation and Dataset Capture on Edge Hardware

2026

- Provisioned a 6-DOF arm on an NVIDIA Jetson Orin Nano running LeRobot (CUDA, container and dependency constraints on embedded hardware); leader/follower teleoperation and an imitation-learning dataset.

SKILLS

Mobile (since 2023) React Native / Expo · TypeScript · Kotlin and Swift native modules (Expo modules) · BLE / IoT device integration · EAS · OTA release management (App Store & Google Play) · React hooks, XState · Jest

Web & backend React · Next.js · Node.js · JavaScript · Python · REST API design

Cloud & DevOps AWS (Lambda, CloudFormation / SAM, S3, API Gateway, DynamoDB, CloudFront) · Terraform · GitHub Actions CI/CD

AI & edge PyTorch · LeRobot · NVIDIA Jetson · LLM integration (Vercel AI SDK)

EDUCATION · LANGUAGES

Phoenix College · Associate of Applied Science, Digital Animation

Coursework Artificial Intelligence & Machine Learning, Chandler-Gilbert Community College · Biomedical Engineering and Biomedical Sciences, Arizona State University · Electronics Engineering, Jerusalem College of Technology (Machon Lev) · Mechanical Engineering, Arizona State University

Languages English (native) · Hebrew (conversational)