

Samer Kozrosh

Senior Software Engineer - <https://samerkozrosh.com>

(201) 899-1619 • kdevsam@gmail.com • [linkedin.com/in/samer-kozrosh-19259b143/](https://www.linkedin.com/in/samer-kozrosh-19259b143/)

Employment history

Full Stack Senior Application Developer • ADP • Roseland, NJ • Aug 2024 – Present

- Developed and enhanced a GraphQL code generator in Go, exposing over 150 payroll-related events (e.g., company setup, employee management, payroll execution) to partner developers. This high-stakes system required precise implementation to meet business expectations without errors and eliminated manual coding, saving over 70% of the development team's time, allowing them to focus on higher-priority tasks.
- Integrated the code generator with a documentation service secured by Cognito auth. The generator also produced markdown documentation files for API mutations. Added Typesense search to the documentation.
- Facilitated cross-team collaboration by delegating tickets to developers for metadata alignment—fixing 10% of critical problems. Integrated the service with Jenkins pipelines and hosted it publicly with automated deployments.

Indie Game Dev - Super Trial Soccer Stars • Solo • Remote • Jun 2026 – Present

- Designed, built, and shipped a 3v3 real-time online multiplayer arcade soccer game for iPhone & iPad entirely solo — gameplay, netcode, backend, UI, and art direction — released on the App Store in 2026.
- Engineered real-time multiplayer in Unity 6 (C#) backed by dedicated cloud game servers and custom WebSocket services, implementing matchmaking, authoritative server-side game state, and synchronized gameplay for 6 concurrent players per match at a 60 Hz simulation tick rate.
- Built a global persistent leaderboard ("blue vs. red" worldwide goal battle) that aggregates results from every match into a live cross-player competition.

Startup Software Engineer • EpicareAlert (Passion Project) • Wayne, NJ • Apr 2022 – Present

- Designed and launched a HIPAA-compliant SaaS platform that provides real-time monitoring for patient care systems, allowing doctors, EEG technicians, and nurses to remotely access patient-side systems and ensure continuous care.
- Implemented automated notifications, sending updates every hour with system screenshots ensuring that doctors remain informed, increasing billable insurance revenue protection by 400% and providing legal protection.
- Eliminated the need for patients to repeat mandatory 3-day EEG tests, preventing interruptions caused by system shutdowns, battery failures, or electrode removal. If such issues occur, doctors receive instant alerts and can fix the study before its compromised.

Full Stack Application Developer • ADP • Roseland, NJ • Aug 2022 – Aug 2024

- Developed a payroll report generator tool which allowed clients to customize reports by selecting specific employees, dates, and report options. Analytics revealed that 95% of users leveraged this feature, becoming one of the app's most widely used functions.
- Following a security breach, utilized Cognito to design a 2FA system which replaced email-based authentication with push notifications, resulting in zero subsequent hacking incidents.
- Optimized a raw SQL query by rewriting the logic in Go and optimized SQL joins, improving query execution time from over 60 seconds to an average of 10 seconds while ensuring consistent data retrieval.

Intern - Django Platform Developer • OneNineAI • Remote, NY • Sep 2020 – Jan 2021

- Developed a Django-based web portal that streamlined the execution of ML scripts (e.g., linear regression), enabling the processing of 100+ datasets weekly with automation.
- Collaborated with a team of 6 ML Professionals and implemented their python scripts to be used in the web portal.
- Built interactive data visualizations in Plotly using the ML teams scripts and saved outputs on the server for later analysis.

Education

Bachelor of Science in Computer Science • New Jersey Institute of Technology • Newark • Dec 2022

Skills

JavaScript, Go, SQL, Python, C#, Java, AWS, React, Node.js, Electron, Twilio, GraphQL, Sockets, Unity, Microservices, Redis, DynamoDB, NoSQL, MySQL, Docker, Lambda, Rest APIs, TypeScript, PostgreSQL