Joshua Loew

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EXPERIENCE

Serow Softworks LLC May 2026 – Present
Founder Boston, MA

- **Neoeyes**: Designed and shipped a map-first platform for geotagged photography, on iOS and Android. Users browse a permanent photo archive by location and post **geofenced bounties**: they draw an area and time window and get notified when photos are uploaded there. Elixir/Phoenix backend with **Uber H3** spatial indexing via a Rust NIF.

REEKON Tools Jun. 2022 – Present
Lead Software Engineer Boston, MA

- **BOLDR Pro**: Led development of BOLDR Pro, a construction project management platform for iOS, Android, and web extending ROCK Jobsite; mentored an engineer and split web and mobile responsibilities. Scaled to **10K+ accounts** and **5.7K MAUs**, with users capturing **40K+ measurements** per month. Architected multi-tenant organization support. Bootstrapped the React Router/Vite web app and configured automated deployments via EAS Workflows and GitLab CI/CD pipelines.
- **ROCK Jobsite**: Bootstrapped, architected, and shipped REEKON's inaugural software product: A cross-platform companion app for Bluetooth measuring tools enabling measurement capture, team collaboration, and photo annotation. Grew to **6K MAUs**, **60K+ tools** in the field, and a **4-star** App Store rating across **100+ reviews**. Built an OTA firmware provisioning and upgrade pipeline serving in-field devices; automated store deployments via Fastlane.
- **MOUNTN**: Multi-source RAG content platform (Django, pgvector, Fly.io) ingesting 1,700 YouTube Shorts (FFmpeg frame extraction + YOLO object detection), Zendesk articles, and Google Drive image libraries into a unified vector index; generated product descriptions served to the storefront via a Shopify proxy.
- **TechCrunch Disrupt 2023**: Presented on the main stage as part of Startup Battlefield, demonstrating ROCK Jobsite as the software backbone unifying REEKON's product suite into a connected jobsite ecosystem.

NTT Disruption Sep. 2020 – May 2022
Software Engineer Remote

- **Jibo**: Audited the Jibo initiative across architecture and implementation. Identified multitenancy as a critical capability gap; implemented a multitenant admin portal and extended the skill developer IDE with access controls.
- **Growthland**: Sole front-end engineer; built the production React application from design mockups. Recruited and onboarded a replacement engineer to own the product after completion.
- **rights.io**: Built initial prototype from MVP spec; led back-end migration from Symfony to Django as the team scaled. Developed Selenium scrapers to automate brand data collection.

Setfive Feb. 2017 – Aug. 2019
Software Engineer Cambridge, MA

- **oneZero Financial**: Built a nightly reporting pipeline aggregating trade volume from a foreign exchange hub against end-of-day roll-up tables via Symfony console commands.
- **My ACP Decisions**: Full-stack platform for hospice clinicians to distribute curated video playlists to patients. REST API served Angular, iOS, and Android clients; integrated cloud backups and third-party survey collection.

EDUCATION

Union College Aug. 2014 – May 2018
Bachelor of Science in Computer Science & Visual Arts Schenectady, NY

SKILLS & INTERESTS

Programming Languages : TypeScript (React Native, Node.js), Python (Django), Elixir (Phoenix), PHP (Symfony)
Tools : Expo EAS, AWS, Google Cloud, Fly.io, Firebase, Postgres, MongoDB, RabbitMQ
Personal : Completed the **Great Divide Mountain Bike Route** (2,745 mi) solo and unsupported on a self-built bicycle.