

Bo Clow

(414) 313-2294 – boclow34@gmail.com – linkedin.com/in/bo-clow – boclow.github.io

SKILLS

JavaScript, TypeScript, Python, Java, SQL, MongoDB, GraphQL, React, React Native, AWS, GCP, Vertex AI, Node, Docker

RetroRate

Founding Software Engineer

February 2025 - September 2026

- Second hire at an early-stage real estate fintech startup, owning entire product lines end-to-end on a platform spanning 10.5M properties, working directly with the CEO and CTO
- Drove technical planning for the team's largest initiatives, authoring the nine-epic Verification of Loan project plan, the API versioning migration strategy, and the production risk assessment that gated the Compass partner launch
- Owned the company's Chrome extension end-to-end across Zillow, Redfin, Realtor.com, and Compass, including a full architecture rewrite that intercepts each portal's listing data in real time
- Built the core map-based property search experience, taking the Google Maps integration from proof of concept to production as the platform's primary user-facing product
- Launched MLS-driven listing alert and weekly digest email products across three regional MLS partnerships, opening a new revenue channel with per-partner compliance handling
- Designed and shipped an AI-assisted loan verification product from concept to production, including automated confidence scoring, Stripe-backed payments, and public shareable certificate pages
- Integrated Gemini and Vertex AI into production workflows for mortgage-statement extraction and address-match verification, with feature-flagged rollout, request logging for auditability, and model version migrations
- Built a new off-MLS property search product from scratch in under two months, including a custom headless-browser search engine and multi-portal data adapters
- Led a RESO-aligned brokerage integration API powering a major partner launch, alongside nationwide data infrastructure work spanning 10M+ record backfills

Relay *(formerly Kompas Care)*

Senior Software Engineer, Contract

September 2024 - Present

- Advised on replacing manual SFTP file ingestion with a REST API, then designed and built it in C#/.NET, eliminating recurring manual data handling and enabling near real-time integration
- Migrated existing customers onto the new API and onboarded new ones, replacing bespoke integration work with a repeatable process and documentation written for non-technical stakeholders

GE HealthCare

Senior Software Engineer

July 2021 - February 2025

- Independently designed and developed the Apollo GraphQL API layer for an enterprise application rewrite, effectively serving over 10,000 global users
- Spearheaded the architectural overhaul and development of a critical enterprise application, implementing a mobile offline-first strategy transforming the daily workflow for users globally
- Led the design and development of 5 different cross-platform POC's using React Native, Flutter and several mobile database solutions reporting directly to multiple directors on technical decisions
- Mentored and led an engineering team through the delivery of full stack features and cloud maintenance for an enterprise planning application
- Maintained cloud infrastructure for several critical app suites using Jenkins, Docker, EC2, Lambda, S3, and EMR
- Optimized enterprise planning application algorithm, resulting in thousands of improved recommendations to users saving hundreds of engineering hours annually

Digital Technology Leadership Program

July 2019 - July 2021

- Rotated across full stack engineering, network architecture, and technical product management, delivering features for equipment tracking and enterprise planning applications in React, Angular, Java and SQL
- Independently spearheaded an organization-wide automation initiative, founding an automation foundry and the internal education program that drove its adoption, saving teams more than 20,000 hours and \$1M annually

EDUCATION

Georgia Institute of Technology

Aug. 2020 – May 2023

M.S. Computer Science - Specialization in Machine Learning

University of Wisconsin

Aug. 2014 – May 2019

B.S. Computer Engineering and Computer Science