

Brian R. Clow

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SKILLS

- **Languages:** JavaScript, TypeScript, Java, HTML, CSS, SQL
- **Frameworks & Libraries:** Angular, Spring Boot, NativeScript, Ionic, Tailwind CSS
- **Tools & Platforms:** PostgreSQL, Firebase, AWS, GCP, Docker, Git, Nx, iOS/Android, App Store Connect

EXPERIENCE

Highwire: *Software Engineer*

September 2024 – Present

- Develop full-stack features across Angular frontend, Java Spring Boot backend, and PostgreSQL database for field-focused construction safety applications including inspections, findings and incidents management.
- Revamp inspection and incident workflows by implementing frontend interfaces and backend endpoints, improving task efficiency and user experience for field operations.
- Collaborate with product management and engineering team on feature planning, translating customer needs into technical requirements and implementation strategies.
- Resolve legacy bugs and technical debt across the entire stack, serving as a key technical resource for inspections and incidents domain knowledge.

Launchpoint: *Lead Mobile Platform Engineer*

January 2022 – August 2024

- Led management of the mobile codebase, including architecture of new mobile features and integration with web features, ensuring seamless cross-platform functionality.
- Acted as a mobile platform consultant to clients, advising on app store guidelines and ensuring compliance for successful app store submissions and payments.
- Developed cross-platform mobile modules such as authentication, in-app purchases/subscriptions, custom tabbed layouts and account/profile management.

Street Parking: *Mobile Engineer*

February 2021 – December 2021

- Implemented existing Angular web features for a new NativeScript Angular mobile app and integrated robust code-sharing patterns for seamless business logic use across web and mobile platforms.
- Collaborated with non-technical stakeholders to ensure fitness features worked well across platforms, aligned with business values, and maintained a consistent UI .
- Owned the entire App Store process, including setup, listing updates, internal/external TestFlight beta testing, and adherence to Apple App Store guidelines and policies.
- Led NativeScript and Nx updates, polished the app for public release with features: auth, subscriptions, daily workouts, logbook and a trophy case with digital badges for achievements.

Kochava: *Solutions Engineer Intern*

May 2019 – September 2019

- Collaborated in a team environment to build solutions using both AWS and GCP for pipelines and processes.
- Created AWS Lambda function to adorn GeoJSON data.

PROJECTS

Mobile App for Student Org: *Lead Engineer/Product Owner*

January 2019 – October 2020

- Led a student team to create Android and iOS apps for the Young Life Boise State student organization. The app was built with Angular, Ionic and Firebase. Features included: push notifications, calendar of events, photo albums, and in-app admin controls.

EDUCATION

Boise State University | Boise, ID

August 2015 – December 2020

- *B.S. Computer Science, Minor in Business, Certificate in Leadership and HR*