Andrew Liebenow
(Email address removed from public resume)
(Phone number removed from public resume)

Professional experience

May 2023 – present | **On sabbatical/vacation**

I resigned from Dun & Bradstreet to catch up on my personal life and work on personal projects. During this break, I have been learning Rust, with which I am now quite productive, and I have written a handful of tools in Rust for my own use, a few of which may be useful to others and which I will be open sourcing at https://github.com/andrewliebenow.

Jan. 2021 – May 2023 | **Dun & Bradstreet**

Software Engineer, Senior Software Engineer

Promoted to Senior Software Engineer shortly before I resigned.

- Worked on the dnb.com engineering team (mixture of maintenance and new feature development).

- Lobbied to adopt React for new feature development. Led redesign (using React) of highest traffic section of dnb.com (company profiles).

- Upgraded backend code to Java 11 and introduced a variety of linting and static analysis tools (Checkstyle, Error Prone, PMD, etc.).

- Working alone, migrated all frontend code to TypeScript/SCSS and incorporated it into the webpack build process I set up (with linting and static analysis).

Feb. 2018 – Jan. 2021 | **PowerSchool** (PeopleAdmin prior to its acquisition)

Software Engineer

- Hired to work on what is now PowerSchool's Applicant Tracking Enterprise product – Java, JavaScript, SQL Server.

- Implemented a variety of features (e.g. single sign-on), fixed a large number of bugs, resolved several tricky stability problems, and made many technical improvements in order to improve development, and application reliability (e.g. converted the codebase into a monorepo).

- Eventually became the longest-tenured developer on the team and de facto technical lead.

- Shifted to a roving problem solver role, assisting teams that needed extra help.

Skills and knowledge

Ordered by extent and recency of experience, descending

Java	Have used Java 8 the most, but have also used older and newer versions. Familiar with IntelliJ IDEA/Android Studio, Gradle, Maven, and Eclipse. Familiar with standard JVM debugging techniques (taking and analyzing thread and heap dumps, etc.).
HTML and CSS	All of my past roles have involved frontend Web development.
JavaScript	Have extensively used JavaScript and TypeScript in the context of frontend Web development (both with React and legacy framework-less/jQuery code). Familiar with modern tooling (webpack, ESLint, etc.).
Linux	Familiar with standard *nix tools, shell scripting, etc.
Docker	Familiar with Docker and Docker Compose.
Version control	Have been using Git for over five years. Have some experience with Subversion, and Team Foundation Server.
Kotlin	Have used for Android development, Gradle build scripts, and a number of small tools.
SQL	Have mostly used Microsoft SQL Server.
AWS	Have used EC2, ELB, Route 53, etc.
Android	Have written and maintained several Android apps.
C#	Familiar with ASP.NET, ASP.NET MVC, Entity Framework, LINQ, Visual Studio, etc.
C	Have some experience writing C (specifically C89) for embedded devices (no heap).

Degrees and formal qualifications

None