

ashley klein

☎ (612) 770-7439

✉ ashklein6@gmail.com

🏠 ashleyklein.me

🐙 github.com/ashklein6

RELEVANT EXPERIENCE

Shipt [Engineering Manager, Senior Mobile Engineer, Mobile Engineer]

Engineering Manager: March 2023 – Present // Minneapolis, MN

- Managed and developed a team of 6 engineers, cultivating a culture of mentorship, accountability, and collaboration.
- Partnered cross-functionally with product managers, data scientists, and other engineering teams to translate business needs into scalable technical solutions.
- Maintained longterm roadmaps for business and technical initiatives, supporting innovation and operational stability.
- Provided technical leadership on strategy, architecture, and incident response.
- Established and maintained a high standard for technical excellence and production quality to ensure reliable and extensible solutions.

Senior: December 2021 – March 2023, Engineer: January 2021 – December 2021

- Drove execution of projects for Shipt's customer-facing Member mobile app, overseeing the entire development lifecycle.
- Drove tech debt cleanup, app performance improvement, refactoring efforts, and implementation of new technologies.
- Mentored and developed the skills of junior engineers through one-on-one sessions, pair programming, and code reviews.
- Technologies used: React Native, React.js, React Query, TypeScript, GraphQL.

Buncha (formerly Runerra) [Engineering Lead]

February 2019 – October 2020 // Minneapolis, MN

- Worked full stack on a mobile application and server that connected users with neighbors running errands.
- Scoped and executed features on frontend and backend including menus, deep-linking, and community structure.
- Piloted app design standardization, with a focus on accessibility.
- Managed iOS, android, and server deployments while maintaining test suites, incorporating a manual CI and CD pipeline, and conducting package upgrades.
- Technologies used: React Native, React.js, Redux, RxJS, TypeScript, GraphQL, Stripe, Node.js, and PostgreSQL.

Prime Digital Academy [Full-Stack Software Development Student]

August 2018 – January 2019 // Minneapolis, MN

- ChillCal - Developed a mobile application independently that allowed users to connect with friends to see their friends' free times and easily make plans.
 - Technologies used: React Native, React.js, Redux, Sagas, Expo, Node.js, Express.js, Passport, and PostgreSQL.
- MarnitaConnect - Collaborated with 4 peers in an Agile environment to create a web application for Marnita's Table, a nonprofit that seeks to close gaps across difference by intentionally including and valuing people who are traditionally unheard and excluded at the policy-making and resource-sharing table.
 - Developed a web application with an editing suite that will allow Marnita's Table employees to input their research and analysis from their interactions.
 - Technologies used: React.js, Redux, Sagas, Node.js, Express.js, Passport, PostgreSQL, Chart.js, and Material-UI.

NorthStar Medical Technologies [Mechanical Engineer — Isotope Processing]

June 2017 – July 2018 // Madison, WI

- Developed a dispensing system of a radioactive pharmaceutical through design and testing phases, including defining design inputs and system requirements.
- Designed and conducted testing of dispensing system's hardware and software components and implemented corrections to improve functionality.
- Followed cGMP and GDP best practices and maintained compliance with 21 CFR Part 210 and 211.

SKILLS

Programming Languages

Arduino, CSS, GraphQL, HTML, JavaScript, jQuery, SQL, TypeScript

Libraries & Frameworks

Express.js, Node.js, PostgreSQL, React, React Native, React Query, Redux, RxJS, Sagas, Stripe

Tools & Platforms

Agile, Amplitude, AWS (EC2, Elastic Beanstalk, S3), Branch, Bugsnag, CircleCI, ClickUp, Detox, Figma, Firebase, Git, Heroku, Jama, Jira, Jest, Monday, Optimizely, Sendbird, Shortcut, Snowflake, Sonarqube, Stripe

EDUCATION

Prime Digital Academy

Full-Stack Engineering
Graduated January 2019

University of Wisconsin—Madison, College of Engineering

Bachelors of Science in Mechanical Engineering
Graduated May 2017

INTERESTS

- 🍴 Brunch
- 🔥 Camping
- 🏒 Hockey
- 📷 Photography
- 🧠 Psychology
- ❓ Trivia