

Adam Major

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Full Stack Developer

Experienced web developer with a proven track record at a Fortune 500 consumer electronics retailer. A curious, self-starter with experience building, websites, mobile applications, backends, microservices. and unit tests. Passionate about solving problems in a way that are clean, performant, easily-maintained, and extensible.

Technical Skills

Agile | Typescript | React | Redux | PostgreSQL | MongoDB | Node.js | .NET | Next.js | socket.io | GraphQL | AWS | Azure

Professional Experience

Best Buy

September 2024 – February 2025

Engineer I

Started making contributions to the authorization service while continuing contributions to the in-house app store.

- Created a fully customizable batcher service, for authorization service, pulling Twilio attributes at a pre-defined interval and storing them in PostgreSQL read database, allowing OPS to evaluate policies based on Twilio attributes.
- Assisted in migration from Azure to Stratus, for the in-house app store, reducing maintenance costs by +7%.
- Identified and resolved critical bugs, across multiple projects, enhancing functionality and improving the user experience, resulting in +8% increase in positive reviews.
- Made several contributions to GraphQL service, allowing other teams across the Enterprise, reducing some response times by +25%.

Best Buy

January 2022 –September 2024

Engineer Associate

Collaborated with cross-functional teams, in an Agile environment, participating in daily stand-ups, sprint planning, and retrospectives, to deliver high-quality contributions to the solution sidekick app as well as the in-house app store.

- Created multiple typescript libraries to streamline interactions with the authorization service.
- Led the back-end deployment for auto-adding protection plans, achieving a +10% growth in plan sales.
- Contributed significantly to the development of "leads" feature for the mobile react-native app, increasing sales by more than 12%.
- Developed, documented and tested Solution Sidekick app, contributing to app growth, which was used by in-store employees as a selling tool.

Projects

Grocify (expo app)

January 2024 – Present

Created a mobile app to handle grocery lists. Features include AI and S3 integration, bar-code scanning, GPS integration.

React-Thumbnail-Carousel (npm package)

November 2023 – Present

Created a dynamic React.js carousel component, supporting both images and videos.

A# Major Bridge

June 2020 – February 2021

Developed a multiplayer web platform for playing contract Bridge using vanilla JavaScript, CSS, HTML, socket.io, MongoDB (Mongoose), and Paper.js, enabling real-time multiplayer game play in a modern browser.

- Implemented auto-save and resume game functionality via mongoose.
- Leveraged passport-local-mongoose to implement authentication and strict anti-cheat functionality.

A# Major Replay Viewer

July 2021 – August 2021

Developed an Angular app for viewing replays from A# Major Bridge, enabling players to easily review and analyze A# Major bridge games.

- Added a robust set of filtering options, allowing users to find games +80% faster

Education and Professional Development

B2E Java Boot Camp

York Solutions

Bachelor of Arts (B.A.), Linguistics

University of Minnesota Twin Cities

Interests

Hiking | Guitar | Music | Board and Card Games | Sauna | Cold Plunge