

David Shefcik

[GitHub](#) | [LinkedIn](#)

Full Stack Application Developer

davidshfcik@gmail.com

Certifications: AWS Certified Developer Associate

Skills: AWS, Lambda, React, React Native, TypeScript, JavaScript, MongoDB, PostgreSQL, Docker, GraphQL, REST APIs, Git, GitHub Actions, Nest.js, Next.js, Jest, Expo, CDK, Snowflake, DBT

Work Experience

Senior Developer

Deepwatch, Inc.

March 2023 - Present

- Developed and maintained several features across the entire stack for our flagship web app utilizing React, TypeScript, GraphQL, AWS Lambda, CDK, RDS, and SQS.
- Participated in scrum ceremonies working in an agile environment.
- Created AWS infrastructure to support near-real time notifications to inform customers about important security advisories that impact their environment. This system was built using source data from Snowflake that would get added to an SQS queue by a Lambda running in an EventBridge schedule. The queued data would then be consumed by another Lambda which would write the relevant data to RDS.
- Communicated with several stakeholders throughout my day-to-day responsibilities. Planned upcoming projects and discussed current roadblocks with our project managers, pitched potential engineering solutions to our engineering managers and tech leads, planned out UI/UX flows for upcoming features with our design team, and worked with fellow developers to get feature work done in a timely and quality way.
 - Mentored mid-level engineers and often was a go-to resource when a developer was having issues with our AWS development sandbox, Snowflake, GraphQL API, or TDD.
- Maintained end-to-end and unit tests using Playwright and Jest in both our frontend and backend applications.
 - Used React Testing Library to create and maintain unit tests for our in-house design system library.
- Created and maintained data models in Snowflake using DBT to transform data from several sources into tables used by multiple applications throughout the organization.
- Promoted to a member of our backend committee team which was a select group of engineers and technical leads determined to be proficient enough in our AWS infrastructure to contribute to technical discussions involving potential performance improvements, cost saving measures, and developer experience improvements.
- Lead our push to implement Apollo GraphQL client-side caching to ensure the application remains performant as the size of our application grew and users started to spend more time using the application, as well as cut-down on AWS hosting costs as the Lambda functions were not getting unnecessarily called to refetch already fetched data.
- Based on my previous experiences I was chosen to be a member of our initial DevOps team that handled the organization's migration of 100+ code repositories from BitBucket to GitHub.
 - Configured GitHub actions for our AWS GraphQL API to handle everything from deploying to development, staging, and production environments; to verifying the code quality when a developer opened a pull request by running unit and end to end tests, linting validation, schema validation, security validation, and more.
- **Used:** React, TypeScript, AWS, CDK, Jest, Playwright, GraphQL, GitHub Actions, Snowflake, GraphQL, DBT

Full Stack Developer

Plaidypus, Inc.

August 2020 - March 2023

- Developed and maintained a Meteor application to manage the production and shipments of a large food retailer.
 - Managed the MongoDB instance, created new indexes.
 - Developed the UI using React + Redux.
- Created and maintained unit tests for custom React components using React testing library.
- Participated in weekly sprint planning. Involved in discussions and planning of strategies to improve our Scrum workflow.
- Interface directly with clients to gather feedback and project requirements.
- Developed a mobile app based CMS platform for Park Districts in the Chicagoland area.
 - Built a multi-tenant architecture to support administering content for multiple districts from a single web application.
 - Developed a mobile architecture to support building different variations of the mobile app based on the same React Native code base for each district that used the app.
 - Implemented CI/CD to deploy changes to each of those versions to the app stores using Expo EAS.
 - Utilized React Query to provide efficient API data management in the mobile app.
 - Configured sentry for production error logging.
- Worked with a small group of developers to rewrite a legacy React Native app.
- Directed the migration of our internal repositories from BitBucket to GitHub.
 - Set up all the necessary deployment pipelines.
 - Created reusable GitHub actions that are used across the organization.
- Developed and published an eslint plugin to facilitate code reusability and linting across multiple projects in the organization.
- Configured terraform cloud environments on Google Cloud Platform. Developed custom modules to reuse the same template across multiple projects.
- **Used:** React, React Native, TypeScript, MongoDB, Nest.js, Next.js, GitHub, GitHub Actions, Meteor.js, REST APIs