George Boktor

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EXPERIENCE

Asurion —   *Nashville, TN*
Software Engineer II   Sep, 2022 - Dec, 2024

- Developed, iterated, and tested enterprise-grade applications for our clientele, including **AT&T, Verizon, and Google** using **React, Typescript, Jotai, AWS CDK, GCP, Playwright, and Serverless Framework**. These included self-serve generative chat experiences and device management micro-frontends (Single-SPA) and repair scheduling services, all orchestrated within an Nx monorepo.

- **Refactored flagship uBreakiFix scheduler (200,000 monthly appointments)** to use **Jotai state management**, **Tanstack-Query** for cached networking, and **Playwright integration tests.**

- **Reduced team operational costs by 10%** through GCP key restrictions, network call debouncing, CloudFormation stack pruning, and CI/CD pipeline improvements to properly deconstruct infrastructure resources and rollback stale feature environments.

Software Engineer I   Aug, 2021 - Sep, 2022

- Oversaw application reliability via web synthetics and lambda monitoring using **Dynatrace**, and instrumented multiple funnel visualizations of conversions and key analytic events across our suite of applications with **Mixpanel and Fullstory**. Configured error reporting with Bugsnag.

- Collaborated with Product and Design partners to **build elegant user interfaces, audit for accessibility, and create streamlined, reusable components** for our apps and for other product teams in the domain.

CoreCivic —   *Murfreesboro, TN*
Software Developer Intern   Dec, 2019 - May, 2020

- Contributed to CoreCivic's national network of residential reentry center software. Built application components in **Angular**, and configured integration tests for our suite of new detention center software.

MT - Mobile —   *Murfreesboro, TN*
Android Engineer   Jan, 2019 - May, 2021

- Worked on the stable refactor of MTSU's MT-Mobile application (used by 27,000 students): including building and testing Android components with **Kotlin**, networking with **Retrofit**, and conducting team sprints with fellow engineers on the Android and IOS platform teams.

EXPERTISE

Technical: Typescript, AWS CDK, Nx, Webpack, Serverless, React, Angular, Jotai, Tanstack Query, Styled Components, Playwright, Jest, Git, Github Actions, CSS, HTML, AppSync, GraphQL, PostgreSQL, NodeJS, React Native, Esbuild

Platforms: Contentful, Mixpanel, Dynatrace, Fullstory, Optimizely, AWS (Lambda, API Gateway, S3, CloudFormation, CloudFront, KMS, DynamoDB), GCP, Figma, Mindful, Bugsnag, Algolia

PROJECTS

Ruume App - Built using **React-Native/Expo, Jotai, MMKV, Supabase, Tanstack Query, Detox, and PostgreSQL**. Ruume is a cross-platform mobile application that allows users to create and manage a "Ruume" of content and posts that they can share with a community to create engagement, and "remix" threads of content into entirely new Ruumes.

EDUCATION

Bachelor of Computer Science (B.S.), Middle Tennessee State University   Aug, 2017 - May, 2021