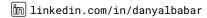
Danyal Babar

UWaterloo Alumni | Aspiring Software Engineer

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§ 519-385-0468



danyalbabar.com

Experience

Amazon Web Services | Software Development Engineer Intern

Sept - Dec 2022 // Seattle, WA

- ▶ Allowed developers to identify performance regressions earlier and reduced debugging time by designing and implementing a CI/CD pipeline performance monitoring system
- Developed a **CLI tool** to help developers pinpoint the root causes of regressions and perform several methods of in-depth analysis against old performance reports
- ▶ Built queries to retrieve performance reports by metric from S3 using Amazon Athena
- ▶ Reduced discovery time of regressions by 40% by building SlackBot and email alerts

Cisco Meraki | Full Stack Engineer Intern

May - Aug 2022 // San Francisco, CA

- ▶ Eliminated the root cause of several customer-impacting issues by building an improved Android app search for dashboard admins using a Managed Google Play iframe
- > Added the creation and selection of Android web apps, a highly sought customer need
- ▶ Increased feature maintainability by monitoring adoption and error rates using Grafana dashboards, alongside a beta preview button to switch back to the classic view
- > Achieved a 75% adoption rate and 10,000 app selections per day via the improved feature

Cloud DX | Web Developer Co-op

Sept - Dec 2021 // Kitchener, ON

- > Proposed and rewrote patient dashboard to make it extensible for clinic-specific needs
- > Reduced load time by 45% across all React screens by optimizing caching of assets
- ▶ Improved maintainability of React design system by implementing TailwindCSS after demonstrating its effectiveness through proof-of-concept work

NCR Corporation | Software Quality Engineer Co-op

Jan - Aug 2021 // Waterloo, ON

- > Prevented issues in 65% of newly created test cases and improved test requirements
- ▶ Improved code quality of 20% of money movement tests by enhancing SQL scripts
- ▶ Converted 75% of manual regression tests into automated Selenium tests

Betstamp | Full Stack Developer Co-op

May - Aug 2020 // Toronto, ON

- ▶ Added the functionality for users to manage multiple sportsbook accounts, transactions, and bets by building the core accounting feature using React Native and Expo
- ▶ Decreased load time by 35% on six screens by optimizing Redux state management
- ▶ Resolved a customer impacting issue related to an edge case with missing games by algorithmically detecting overnight games and adding them to the backend response

Skills

Programming Languages

JavaScript (ES6), Python, Java, SQL, C/C++, Ruby, HTML5, CSS

Libraries & Frameworks

ReactJS, React Native, Redux, Rails, TailwindCSS

Tools & Platforms

Amazon Web Services, MongoDB, Google Cloud Platform, Firebase, Git, Gerrit, Linux, Jira

Projects

myHouseKeeper.ca

React, MongoDB, AWS
Housekeeping web app that allows
users to invite friends to house
groups using email signup links, as
well as manage expenses and
auto-recurring chores

AssistiveNote

React Native, Firebase, GCP Assistive technology Android app that helps users view real-world text more accessibly, and sync their notes across devices using authentication

Education

University of Waterloo

2019 - 2023 // Waterloo, ON Bachelor of Computer Science

GPA

3.52 // 4.00