

# AYUSH BHAGAT

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## SKILLS

**Languages:** Java, C++, JavaScript, Python, Scala

**Frontend:** React, Redux, jQuery, Android

**Other:** NPM, Webpack, Git, Vim, Tmux

**Backend:** Node.js, MySQL, MongoDB

## EXPERIENCE

### SNAPCHAT

SOFTWARE ENGINEER, INTERN

May 2016 - Aug 2016 | *Unlockables*

- Individually created the community geofilters submission page, a **REACT** app used by **THOUSANDS**.
- Developed features, using **ES6**, **REACT** and **REDUX**, for an internal tool used to manage unlockables.
- Implemented backend functionality for frontend features using **JAVA** and **GOOGLE ENDPOINTS API**.

### GOOGLE

SOFTWARE ENGINEER, INTERN

Sep 2015 - Dec 2015 | *Display Ads*

- Developed for a high revenue, backend server-side system that serves **BILLIONS** of queries per day.
- Redesigning a critical component in the ad-serving infrastructure to increase speed and performance.
- Implemented my design in **C++11** and wrote unit tests with at least **80%** code coverage.
- Presented my design to the Waterloo Ads Serving Infrastructure team.

### GOOGLE

SOFTWARE ENGINEER, INTERN

Jan 2015 - Apr 2015 | *Shopping Now*

- Performed data analytics and visualizations on big data to monitor user activity for Google Shopping.
- Created a **MAPREDUCE** pipeline using **FLUMEJAVA** to calculate aggregated statistics from **BILLIONS** of user data entries.
- Wrote and optimized **DREMEL** queries that extract statistics from various tables to power dashboards, which are used by several teams within Google Shopping.

### TUTORJAM

SOFTWARE DEVELOPER, CO-OP

May 2014 - Aug 2014

- Created the entire application process used by **THOUSANDS** of tutors to apply.
- Developed, using **JAVA EE**, an end to end system allowing admin to edit, remove and publish tutor profiles from SchoolTutoring to the online tutor catalogue on WordPress.
- Added features on YuJa such as enabling users to upload audio files to learning channel and sending periodic digest emails.

## PROJECTS

**Skip The Wait:** A web tool that allows patients to queue in before physically going to a walk-in clinic.

**Whiteboard:** A web platform for developers to search and connect with other developers.

## EDUCATION

**University of Waterloo:** Bachelor in Software Engineering (BSE) Expected April, 2018

**Awards:** Honours Dean's List All Terms (90% Average), President's Scholarship of Distinction