

PADAM CHOPRA

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SKILLS

Languages Java, Dart, Kotlin, C, C++, Bash, Scheme, Go, Web (HTML + CSS, JS, PHP), SQL, and Python
Tools Git, Android, Flutter, Node.js, Firebase, Postman, Espresso, Google Cloud, and Azure

EXPERIENCE

Software Developer Intern, Ceridian Dayforce **May - Sep 2020**

- Proposed and added app shortcuts to reduce the steps required to launch favorite widgets by **60%**.
- Spearheaded the shift to an accessible design by adding support for **up to six** native tools.
- Redesigned the **entire login experience** to support dark mode and material widgets while assisting in building a common pattern library.
- Implemented **paginated suggestions** for text fields to reduce network load and technical debt.

Full-stack Software Developer Intern, AYORents **Jul - Sep 2019**

- Created API endpoints for server-interaction and re-architected cloud clusters to **ease scalability**.
- Reduced data fetching and processing time on a client by **30%** by adding MongoDB aggregation pipelines.

Mobile App Developer Intern, Bharosa and Company **Apr - May 2019**

- Enabled migration to a **paperless invoice and client management** system.
 - Accelerated invoice creation and distribution by **70%** via automation and implementing it as a one-click mechanism for frequent clients.
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PROJECTS

Peeku A short-video sharing platform that allows feed curation based on Peeks/sub-feeds.
Habitus An app built during the 2020 Coronavirus pandemic to help people track and build habits.
Praktikality A three-tier Android app to assist the differently-abled through novel services.
Taskout Your to-do, by others. Pin secured task-sharing with no sign-up required.

ACHIEVEMENTS

- Best use of **blockchain** technology at DeltaHacks VI, Mc Master University.
 - **Project mentor** for Sustainable Computing Research Group in **Google Summer of Code**.
 - Qualified for **Microsoft Imagine Cup World Finals** at Microsoft HQ, WA on an all-expense-paid trip.
 - **Grand Prize Winner** in **Google Code-in** and invited to Google HQ, CA on an all-expense-paid trip.
 - **Global Winner** for the **DECA Idea Challenge** organized as part of the Global Entrepreneurship Week.
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EDUCATION

Bachelor of Computer Science (2A) **Sep 2019- Apr 2024 (expected)**
University of Waterloo

- \$15K Computer Science Scholarship; Dean's Honour List (1B); Presidential Scholarship of Distinction.
- **Core Developer** at Google DSC; **Mentor** at StarterHacks 2020; **Office Staff** at Computer Science Club.