

PADAM CHOPRA

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SKILLS

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

EXPERIENCE

Android Developer Intern, Ceridian Dayforce

May - Sep 2020

- Improved **TalkBack**, **Switch Access**, and **VoiceOver** support by spearheading shift to accessible design.
- **Increased speed** by 20% and reduced **network load** by implementing **paginated suggestions** for fields by creating a reusable SuggestionsAdapter extending BaseAdapter.
- Reduced steps required to launch a user's favorite widgets by **60%** by adding app shortcuts.
- Redesigned the **entire login experience** by supporting dark mode and material widgets using themes.

Full-stack Developer Intern, AYORents

Jul - Sep 2019

- Reduced data fetching and processing time by **30%** by adding MongoDB aggregation pipelines on the client.
- Implemented **reusable widgets** for the cross-platform mobile application using Dart and XML.

Mobile Developer, Bharosa and Company

Apr - May 2019

- Architected a fully **paperless invoice and client management** mechanism for Android using Firebase.
- Accelerated invoice creation and distribution by **70%** via automation and implementing it as a one-click mechanism for frequent clients.

PROJECTS

PostX Generate shareable image posts from text. Made entirely in Native Android using Kotlin.

Peeku A short-video sharing platform with feed curation based on sub-feeds. Built in Flutter.

Habitus A mobile app to help people track, build and crowd-source habits. Built using Flutter, Java, Firebase and Cloud functions.

Practikality A three-tier Android app to assist the differently-abled through novel services, built in Native Android with TTS, Watson, Azure, and Google Cloud.

ACHIEVEMENTS

- **Prize Winner** at DeltaHacks VI, McMaster University for building a blockchain Android application.
 - **World Finalist** for **Microsoft Imagine Cup** at Microsoft HQ, WA on an all-expense-paid trip for my native Android application 'Practikality'.
 - **Grand Prize Winner** in **Google Code-in** and invited to Google HQ, CA for completing 71 tasks covering different domains of development for an open-source organisation.
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EDUCATION

Bachelor of Computer Science (2A)

Sep 2019- Apr 2024 (expected)

University of Waterloo | CGPA: 3.9

- \$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.