PADAM CHOPRA

padamchopra.me | GitHub/padamchopra | LinkedIn/padamchopra | p5chopra@uwaterloo.ca

SKILLS

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

EXPERIENCE

Android Developer Intern, Ceridian Dayforce   May - Sep 2020

- Added support for **six native accessibility tools** by spearheading shift to accessible design.
- **Increased speed** by **20%** and reduced **network load** by implementing **paginated suggestions** for text fields.
- 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.
- Made developer-designer collaboration easier by building a common pattern library module.

Full-stack 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.
- Implemented **reusable widgets** for the cross-platform mobile application.

Mobile Developer, Bharosa and Company   Apr - May 2019

- Architected a **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

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.
Practikality	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

- **Prize Winner** at DeltaHacks VI, McMaster University for building a blockchain application.
- **Project mentor** for Sustainable Computing Research Group in **Google Summer of Code**.
- **World Finalist** for **Microsoft Imagine Cup** 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.

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.