PRACHI SINGH

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TECHNICAL SKILLS

C++, Java, Java-Script, Typescript, HTML, CSS, Angular, React, Data Structures, Git, Object Oriented Programming

EDUCATION

Masters in Science - Computer Science	May, 2023
University of Southern California	3.92/4

Relevant coursework: Web technology, Algorithms Analysis, Database Systems

B.Tech in Computer Science	June, 2019
Guru Gobind Singh Indraprastha University	8.47/10

PROFESSIONAL EXPERIENCE

Software Development Engineer   May 2022 – Aug 2022

Expedia Group, Seattle

- Worked on fixing bugs in Expedias' React UI library.
- Wrote unit tests for react components using react testing library, enzyme and jest.
- Assisted an internal team in onboarding to the new Expedia design system by updating the UI react library.

Software Engineer   Aug 2019 – Apr 2021

Altran Technologies, Haryana

- Part of the support team on a Telephony Application Server including rewriting C++ code, changing SQL queries, feature testing.
- Designed and Implemented features using C/C++ and data structures on the base of INAP protocols.
- Gained hands on experience on tools like Valgrind, Service Builder and clear Case

Android Developer   Jan 2018 – Apr 2018

Corific Technologies, Delhi

- Developed an android application including features like messaging, voice calls and video chat, user feed using java.
- Created user-friendly chatting and video calling interface, incorporated Google sign-in and payment payment gateway. This application has over 10k downloads on Play-store.

ACHIEVEMENTS

- 2nd Runner Up in Smart India Hackathon, 2018. Lead a team of 6 and developed a CPI data collection application (Web and Android) for the Ministry of Statistics & Programme Implementation to help field officers with data collection.
- Won the award for Best Challenge Understanding and Immersion for building a digital platform that enhances interventions for Autism at Digital Impact Square

PROJECTS

Stock Search Angular App | https://stock-app-2-346019.wl.r.appspot.com/search/home

- An angular application that allows stock search, buy, sell, monitoring. Uses Node.js on backend to interact with stock Finnhub Api, deployed on GCP.

Consumer price index mobile application to digitize data collection | https://github.com/prachi0311/CPIAPP-SIH18

- An android application for data collection, incorporated Google geolocation API to authenticate the visit of a field officer at the designated market.