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**TECHNICAL SKILLS**

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**Summary**

- **Acquired professional experience** in software development using array of technologies such as **C#, ASP.NET, Postgres, Angular, TypeScript** and **JavaScript**, courtesy of my current position.
- **Acquired professional experience** with mobile development **frameworks** and **dev tools** such as **Java, Realm, SQLite, React Native, Android Studio, Xcode**; courtesy of previous experiences.
- **Acquired hands-on experience** in CI/CDcloud hosting using **Microsoft Azure**.
- **Advanced experience** with industrial software tools like **GIT, JIRA, BitBucket, Postman, Kibana, SourceTree** courtesy of professional experience.
- **Advanced professional experience** with working in an **Agile** development environment (Scrum, Kanban).

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**Work Experience**

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**Software Developer**, HCL Technologies, BCAug 2022 -  
Present*Tech Stack and Tools Used - Visual Studio 2022, C#, dotnet 6, ASP.NET, Angular, TypeScript, Postgres, Microsoft Azure GIT, JIRA*

- Working with PowerApps, PCF controls, Canvas Apps, and Model Driven Apps.
- Working in Agile Methodology and using JIRA for maintaining sprints.
- Developing WebAPIs using C# and ASP.NET and the user interface (front end) using Angular and TypeScript
- Hosting the backend and frontend on Microsoft Azure implementing CI/CD
- Handled database using Postgres

**Mobile Application Developer**, Vericatch, BCMay 2021 -  
July 2022*Tech Stack and Tools Used - Android Studio, XCode, Webstorm, SourceTree, GitHub, JIRA, GSuite, JavaScript, React Native, yarn, Realm, SQLite, SQL, Kibana, Firebase*

- Develop cross-platform applications for **Android** and **IOS** using **React-Native**.
- Develop and provide support to native Android applications using **Java**
- Publishing beta version and full release of apps and app updates such as bug fixes to Play Store and App Store
- Handling local application database using **SQLite** and **Realm**
- Perform stress and automation tests on developed code to ensure reliability and durability.

**Android Engineer**, Metaoptima Technology, BC (*Co-op position*)June 2020 -  
May 2021*Tech Stack and Tools Used - Android Studio, Kotlin, Kibana, SQLite, SQL, JIRA, Bitbucket, Git, G-Suite, Firebase*

- Writing clean and stable code using **Kotlin** accompanying documentation
- Unit-testing code for robustness, including edge cases, usability, and general reliability
- Working on bug fixing and improving application performance
- Working closely with other developers and UI designers in an agile environment

**Programming Student Lab Assistant**, Douglas College, BCSept 2018 -  
April 2020*Tools Used - Visual Code, MS Visual Studio, Android Studio, Wamp, Apache, Blackboard*

- Tutored students to learn mobile development courses and languages such as Java, Kotlin, Javascript, React Native.

- Assisted students by troubleshooting computer programming software such as Android Studio, WebStorm, Realm Studio.
- Solved conceptual and logical problems under minimal supervision by operating open labs.

**Android Engineer, DUCAT Noida, India (Trainee)**

Jan 2017 -

*Tech Stack and Tools Used - Android Studio, Java, SQLite, JIRA, Git, G-Suite, Firebase*

Sept 2017

- Adding improvements in Android Applications using IDE Android Studio
- Reporting bugs in existing applications using Java
- Writing clean and stable code accompanying documentation
- Publishing hot fixes and builds on Play Store

## EDUCATION

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**Post-Baccalaureate Diploma, Computer and Information Systems  
Emerging Technology (PBD)**

Jan 2018 -

Douglas College, New Westminster, BC

April 2020

**Bachelor of Engineering in Computer Science**

July 2013 -

Guru Nanak Dev University, India

June 2017

## Technical Portfolio

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**Harmonix, WebApp for music industry - HCL Technologies**

Aug 2022

- Web App built using C#, ASP.NET, Angular and Javascript
- Platform for folks in music industry who are hosting or looking for job
- Hosted on Microsoft Azure with automated CI/CD
- Used Postgres for database management

**Trawler, Fisheries Catch Reporting - Vericatch Solutions**

Sept 2021

- Android application created specifically for fishers and fisheries managers.
- Applied **agile** methodology and used **Kotlin** on Android Studio IDE.
- Used GET and POST methods of **REST** APIs to fetch/send data.
- Used **Realm** database to Store, query, and sync data.

**Skin App, Online Dermatology - Metaoptima Technology**

Jan 2021

- Android application made for patients seeking dermatology help using **Kotlin**.
- Used **REST** APIs (such as DoseSpot) to fetch data in **JSON** format.
- Accurately used Google Maps API to show nearby pharmacies with **AsyncTasks**.
- Applied various Android design principles dynamically such as RecyclerView, Grid View, Fragments.

**Event Management Android Application Prototype – Douglas College**

Nov 2019

- **UX Design based** prototype designed for Android devices, where users can get ideas for an event or can plan the whole event.

- Designed to customize an event where users can book venues, choose themes, play games, choose music playlist.
- Platform used to design the prototype is **JustInMind**.
- Accurately learned the purpose of design and value proposition.

## TRANSFERABLE SKILLS

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Self-motivated, punctual, and work with little direction

- Meet assigned deadlines through prioritization and planning.
- Started log keeping culture at the workplace to keep track of on-going tasks.
- Diagnosed customer problems by thinking out of the box.

Efficient Team Player

- Organized coding events for students as a member of the IT club during university time in India.
- Organized coding workshops which help IT students to prepare for job placements.
- Directed workshops and managed coding exams.

Strong written and verbal fluency in English, Hindi, and Punjabi.

## EXTRA-CURRICULAR ACTIVITIES

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Participated in the inter-store Staples softball tournament in association with the Special Olympics.	July 2018
Been an active member of an environment awareness NGO, Punjab Eco-Friendly Association, India.	Mar 2014 – Jan 2015
Participated at inter-state long jump sports event, Punjab, India	Sept 2010