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# CHOWDHURY ASIF UDDIN AHMED

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## Junior Android Developer

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### Summary

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More than 2 years experience in developing Android applications. Played vital role in writing application logic using Eclipse IDE, Atom IDE and Android Studio. Responsible for development of all application components and UI resources. Professionally completed trust watch project tasks within a given time period of 1 year. Successfully developed a shopping list application for an university assignment. Programmed with clean, modular, robust code using Java and XML with Android SDK platform. Responsible for designing the user interface and all designs pertaining to all of my projects.

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### Education

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2016 - 2019

Bachelor of ICT in Software Development

*University of Tasmania*

Completed bachelor degree within the information and communication technology discipline with major in software development. Other focus areas included project management, business analysis and developing tailored solutions for enhancing business processes.

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### Work experience

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2018-06 - 2018-11

Mobile Application Developer

*University of Tasmania & Freelancing*

- Designed the required features for the database interface relevant for the mobile application from the existing system.
- Developed the database wrapper functions for data staging and modeled the data objects relevant to the mobile application
- Tested the application on multiple android targets and debugged the issues that were found.
- Worked with UI team to design appropriate icons, prompts and displays for the screen.
- Implemented signup/signin functionality for users.

2019-02 - 2019-11

Smart Watch Application Developer

*University of Tasmania*

- Participated in Agile Software Development Life Cycle for proper analysis, development, testing, deployment and enhancement of the code of a smart watch application.
- Utilized git to maintain project components and collaborate with team members.
- Designed & developed multiple user interfaces for data collection.
- Analysed user interface and consulted with client.
- Collected requirements and applied changes to logic as requested.
- Followed up by testing the user interface of the application using think aloud methods and usability testing sessions to identify errors and areas of improvement.
- Performed testing on physical device (a fossil sport smart watch) and the android emulator.
- Incorporated debugging sessions within project software development lifecycle to work on identified errors.

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## Skills

### Agile Development

Completed 3 agile life cycles under the University ICT project. Supplied clients with beta android application after completion of each sprint and relevant documentation including user & technical manuals and agile reports.

### Android Studio

Extensively developed android applications in the Android Studio environment giving me greater control over the tools available for complex app development

### SQL

Learned to create and query databases using SQL language to provide efficient and effective database functionality for projects.

### XML

Proficiency achieved in writing lean XML code via learning to implement constrained layouts, linear layouts and relative layouts.

### Java

Experienced java developer with advanced knowledge of object oriented programming, achieved through continuous development practices.

### Android SDK

Familiar with the different versions of Android SDK. Always kept tabs on the relevant documentation to write efficient code. Possess idea of the tools accompanying the SDK and how they can be utilized optimally.

### Perseverance

Capable of taking on challenges and accomplishing difficult tasks.

### Collaborativeness

Established effective collaborative skills via carrying out extensive management work to maximize resources in project management and software development role at the university.

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## Awards

27/07/2018 -  
29/07/2018

UHack Student Division 1st Prize

*University of Tasmania*

Came up with the idea of a secure and sustainable student management application capable of utilizing blockchain technology to simplify university enrolment process for international students in Australia. Designed a suitable prototype to demonstrate idea to tech industry leaders.

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## References

Andreas Duenser, CSIRO Data 61

Trust Watch Project Client

[Andreas.Duenser@data61.csiro.au](mailto:Andreas.Duenser@data61.csiro.au)

Martin Lochner, CSIRO Data 61

Trust Watch Project Client

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Shouvojit Sarker, Agile Digital

University Mobile App team member and current Software Developer

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Imadul Islam Rahat, Golden Frameworks

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