

# CURRICULUM VITAE

## **Akshat S. KAUSHIK**

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### Education

- 06/2017 - current      **Bachelor of Software Engineering (Hons)**,  
University of Technology Sydney
- 10/2016 - 05/2017      **Diploma of Engineering**, UTS: INSEARCH

### Technical Skills

- Proficient coding knowledge in **Java** as demonstrated in the subjects 'Application Programming' at University of Technology Sydney and 'Programming Fundamentals' at UTS: INSEARCH.
- Extensive knowledge and experience with App Development in **C#** and **.Net** as demonstrated in the subject 'Application Development with .Net' at University of Technology Sydney (UTS).
- Adept in **C++** and generalized data structures as demonstrated in the subject, 'Data Structures' at UTS.
- Proficient in intermediate **Android** App development skills as demonstrated in the subjects 'Software Engineering Studio 1A' and 'Software Engineering Studio 1B' at UTS.
- Thorough in Information System strategies and deployment and corresponding Business Requirements Modelling as demonstrated in the subjects 'Business Requirements Modelling' and 'Information System Development Methodologies' at UTS.
- Basic **DevOps** experience with Amazon Web Services as practiced under my role as a Backend Developer at CryptoSpend Pty Ltd.
- Well rounded in basic **Cryptography** and Security of local and web-based applications with my experience from the subject 'Security Fundamentals' at UTS.
- Adept in **SQL Database** modelling and implementation via PostgreSQL, as demonstrated in 'Database Fundamentals' at UTS.

### Work Experience

- **Backend Developer and DevOps at CryptoSpend Pty Ltd.** (April 2019 – current)

Work part-time as a Backend Software Dev at CryptoSpend Pvt Ltd under UTS Startups; helping them develop the backend services both locally and hosted on the Amazon Web Services (cloud), for their Cryptocurrency (blockchain) based platform.

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## Transferable Skills

- **Writing** - Experienced in critical/daily summaries, assessment reports, sales requirement reports and project spreadsheets, gained through academic report writing and related assessments.
- **Leadership** - Have led multiple successful group projects, both in research and development completed under my guidance through various subjects assessed at UTS.
- **Problem Solving Skills** - Great practice in Analytical and Problem based science subjects in the first year at UTS: INSEARCH, I've honed my problem-solving skills as depicted through my scores in problem-based subjects that followed at UTS.

## Projects

- **Local Library Management System** (Java based) –  
As part of 'Applications Programming' at University of Technology Sydney, I developed a Java based front end for a standalone Library Management System with its own local database.
- **Multiple Android Apps** ("4Fit", Basic Fitness App & "CharityLookup" App) –  
As part of 'Software Engineering Studio 1A' at University of Technology Sydney, as a group of 6 we were tasked to develop a basic fitness app for Android.  
Through the course of 'Software Engineering Studio 1B' I developed an app for looking up charities as part of the subject under the Agile framework in a group of 6 peers with me as the lead developer and scrum master.
- **Software Architecture** development for a **restaurant's IT System** –  
'Information System Development Methodologies' at University of Technology Sydney involved the development of a prototype model for an Italian restaurant's online management/automation system and mobile app in a group of 3.
- **SQL Database Modelling and Deployment** – As part of 'Database Fundamentals' at University of Technology Sydney, in groups of 3 we designed and modelled a database for a given Hospital Case Study and then implemented it individually via PostgreSQL; followed by in-depth assessments of our ability to traverse and manipulate the deployed database.
- **GitHub Projects:** <https://github.com/akshatsinghkaushik>

## Referees

- Animesh Singh, Software Engineer, BIGCommerce  
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- Andrew Grech, CEO, CryptoSpend Pty Ltd.  
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