Connor **Beardsmore**

Software Engineer · Computer Science Major · Curtin University

206 258 9943 | connor.beardsmore@gmail.com | cbeardsmore.github.io | cbeardsmore

Education

Curtin University   *Perth, Australia*
BSc in Computer Science, 90% CWA   *2015 – 2018*

Skills

Skilled	AWS, CloudFormation, Java, Docker, Git, CI/CD
Comfortable	SRE, CQRS, DDD, Event Sourcing, Python, Typescript, Firebase, DNS, MySQL, Postgres, REST APIs, Serverless
Familiar	Javascript, C, C++, React, Terraform, Dart, HTML, CSS, OpenCV, Flutter

Experience

Amazon   *Seattle, Washington*
‘ Software Development Engineer, Homepage Platform   *Mar 2020 - Present*

Virtual Gaming Worlds   *Perth, Australia*
‘ Software Developer, Graduate Software Developer   *Mar 2018 - Mar 2020*
- Full stack development on a networked gaming system of up to 5000 concurrent users running on AWS ECS and RDS.
- Developed a Java API and Postgres database for Slot games, reaching 940K spins in its launch week.
- Implemented authentication via Auth0 JWTs with a domain-driven and event-sourced Java REST API as a backend
- Rebuilt AWS cloud infrastructure via CloudFormation and Sceptre, enabling new environments to be provisioned within 30 minutes
- Migrated infrastructure from EC2 to Docker containers on ECS with fully automated deployments allowing for CD

Optiver Asia Pacific   *Sydney, Australia*
‘ Software Developer Intern   *Nov. 2017 – Feb 2018*
- Developed the port of a C++ server and associated client library, and implemented the library into 2 Auto-trader systems.
- Performed data analysis using Python Pandas within an ETL framework with a PostgreSQL database.
- Developed an analytics dashboard with a Javascript front-end working closely with the HKD1 trading team.

Thales Australia   *Perth, Australia*
‘ Student Software Developer   *Mar. 2017 – Nov 2017*
- Researched the viability of a serverless architecture using Amazon Web Services for a data analytics platform.
- Streamed data from a RESTful api with AWS Kinesis and performed data analysis via AWS Athena.
- Implemented an AngularJS frontend backed by AWS Lambdas and API Gateway.

Curtin University   *Perth, Australia*
‘ Sessional Academic   *Feb. 2016 – Feb 2018*
- Tutor for 5 computing units covering Java, C, Unix, Operating Systems, Computer Graphics, Data Structures and Algorithms.
- Facilitated tutorial delivery, test invigilation and assignment marking for up to 200 students per semester.

Projects

fined - SlackBot for managing Team Fines   *Python, AWS, Serverless Framework*
- SlackBot utilizing the serverless framework and backed by DynamoDB.
- Performed TDD via PyTest and deployed the Bot to the Slack App directory

SnapBounty - Android/iOS Photography App   *Dart, Flutter, Firebase*
- Andriod/iOS app developed in Flutter, published on the Google Play store.
- Utilizing Cloud Firestore as a NoSQL database, Cloud functions, and Google ML kit for image label detection.

UpcomingEvents - Ubersicht iCalendar Widget   *Coffeescript, jQuery*
- An Ubersicht widget for Mac to display upcoming iCalendar events on the desktop.
- Developed in CoffeeScript and utilizing jQuery features with over 850 downloads.

Awards & Certifications

2019	AWS Certified SysOps Administrator - Associate	2018	Japanese Language Proficiency Test N5
2019	AWS Certified Solutions Architect - Associate	2017	Curtin Vice Chancellors Honour Roll x 4
2019	AWS Certified Developer - Associate	2015	Curtin Science Excellence Scholarship