Connor **Beardsmore**

SOFTWARE ENGINEER · COMPUTER SCIENCE MAJOR · CURTIN UNIVERSITY

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Education

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

Skills

Languages	Java, Python, Javascript/Typescript, SQL, C, C++, HTML, CSS
Frameworks/Architecture	CQRS, DDD, Event Sourcing, REST APIs, React, Flutter, OpenCV, GraphQL
Cloud/Infrastructure	AWS, CloudFormation, Docker, Kubernetes, Terraform, Serverless, CI/CD, Firebase

Experience

Virtual Gaming Worlds   *Seattle, Washington*
SENIOR SOFTWARE ENGINEER   *Mar 2021 - Current*
- Full stack development on the Chumba Casino Games team, delivering web-based slots to the US market.

Amazon   *Seattle, Washington*
SOFTWARE DEVELOPMENT ENGINEER   *Mar 2020 - February 2021*
- Homepage Platform team, owner of rendering all Amazon Homepage endpoints worldwide.
- Back-end development on a high-concurrency Java Spring application, serving hundreds of millions of requests a month.
- Specific focus areas in technical readiness, resilience and service readiness for Primeday and other high-velocity events.
- Developed Mobile Hero video card with 110 million impressions in initial test and 15% increase to Prime Video minutes streamed

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 greenfield Java API and Postgres database for Slot games, reaching 940,000 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.

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*
- 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 AND UNIVERSITY TUTOR   *Feb. 2016 – Feb 2018*

Projects

fined - SlackBot for managing Team Fines   *Python, AWS, Serverless Framework*
- SlackBot utilizing the serverless framework, deployed to AWS and backed by DynamoDB.
- Performed TDD via PyTest and deployed the Bot via Github Actions 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 1200 downloads.

Awards & Certifications

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