

# Nicholas Cannon

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## Work and Leadership Experience:

### **December 2020 - Present: Software Engineer at Virtual Gaming Worlds (VGW)**

- Delivery lead on multiple successful cycle projects that required me to own the technical direction, coordinate a team of engineers and liaise with product and stakeholders to hit target OKRs.
- Worked with CTO and senior to design solutions that allows Postgres to be used as a reliable event store and built the Node.js solution that is depended on in production by multiple teams to read billions of events.
- Worked on the entire stack to deliver product features: React frontends, TypeScript Node.js backends and read models, Pulumi Infrastructure as Code (IaC) and Codefresh CI/CD pipelines.
- Participated as an on-call engineer, ensuring stability of services and responding to incidents.
- Mentored junior, mid and senior engineers so they provide value in production within 3-6 months.

### **June 2019 - December 2020: Junior Software Developer at B2Me Australia**

- Designed and built an asynchronous event-driven Facebook style news feed with Node.js & React.
- Improved mobile user experience by turning a React app into an iOS app with push notifications.
- Took part in reviewing coding challenges and interviewing candidates in the hiring process.

### **October 2013 - June 2019: Customer Service at Kmart, Clarkson**

## Technical Skills:

**Languages:** TypeScript (*advanced*), Python, Java, Go, HTML & CSS

**Certifications:** AWS Solutions Architect Associate, AWS SysOps Administrator Associate

**Other:** React, Postgres, Docker, Node.js (*advanced*), Git, Pulumi, Codefresh, Express

## Education:

<b>University of Western Australia</b>	<b>2017 - 2020:</b>	Bachelor of Science (Honours) – Computer Science, Data Science & Software Engineering <ul style="list-style-type: none"><li>- Australian GPA of 6.5 (out of 7) and WAM of 86.5.</li><li>- Achieved top grade of 94% out of a cohort of 97 students in the subject CITS5508 (Machine Learning).</li></ul>
<b>Peter Moyes Anglican Community School</b>	<b>2011 - 2016:</b>	<ul style="list-style-type: none"><li>- ATAR of 86.35.</li><li>- Applied Information Technology Award for 2015 &amp; 2016 (highest grade).</li></ul>

## Community Involvement:

<b>VGW Techtonic Conference</b>	<b>2022:</b>	<ul style="list-style-type: none"><li>- Presented workshop on building software with modern programming languages (JavaScript, Go, Rust).</li></ul>
<b>EMAS UWA Music Director</b>	<b>2018:</b>	<ul style="list-style-type: none"><li>- Coordinator of EMAS UWA music portfolio.</li><li>- Manager of various EMAS UWA music festivals &amp; events.</li></ul>

## Referees:

Available on request.