

Skills

Engineering

Experienced with high scale, data-intensive workloads across different regions and architectures. Highly competent in web technologies such as *Node.js*, *Vue.js* & *React*, as well as backend technologies including *AWS*, *Terraform*, *Java* and *SQL + NoSQL* databases.



Andrew Persic
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Relevant Experience

Canva • Senior Software Engineer (Backend + Frontend) 2022 - Current

Tech: *TypeScript, React, Java, Terraform, AWS, GraphQL, Protobuf, PostgreSQL, DynamoDB*

- Managed all pages on canva.com and canva.cn. These 32,590 pages receive ~30 million requests per day.
- Identified shortfalls in our Chinese infrastructure, established communication between the Beijing and Landing Pages teams, and delivered experimentation and fallback mechanisms in the CN region.
- Worked on CMS and page rendering features, syncing millions of rows of data between DynamoDB and Postgres databases and creating UIs for content managers.
- Implemented URL management in Canva's CMS, replacing over 10,000 hardcoded URL strings, increasing TTM and decreasing load on engineers.

Two Bulls • Software Engineer (Backend + Frontend) 2020 - 2022

Tech: *Vue.js, TypeScript, Node.js, C#, Python, AWS, MySQL, DynamoDB*

- Delivered bespoke web applications including [KidsDoc](#) telehealth, [TheOneTwo](#) shopfront, [Victorian COVID border permits](#) (reached #3 on the app store!) and the [Release.Me](#) land sales platform.
- Worked with clients ranging from startups in the inception phase, to state governments to find unique solutions.

Unico • Software Engineer (Backend) 2019 - 2020

Tech: *Java, MySQL, Python, MATRIXX, Linux, Docker, Spring*

- Performed large scale database migrations (ETL) for prominent telecommunications vendors.
- Successfully migrated over 20 million records to the *MATRIXX* in-memory database in a single day.
- Gained experience in data-intensive systems and concurrency, sensitive data and reverse engineering older systems.

Monash Uni Immersive Analytics Dept • Software Engineer (Research) 2017 - 2019

Tech: *JavaScript, Three.js, WebGL, Python, R*

- Developed a highly performant web application for 2D and 3D visualisation of protein complexes and cross-link mass spectrometry data using *Three.js* and *WebGL*.

Inquire to find out about:

UAVs, cluster computing, side projects.



Monash University
Bachelor of Computer Science