

Dekel Pilli

Melbourne, Australia

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TECHNOLOGY SKILLS

- **Proficient Programming Languages:** Clojure, Java, Python, Terraform.
- **Other Languages Used:** Rust, C, C#, AngularJS, Perl, PHP
- **Technologies Used:**
 - **SQL:** PostgreSQL, SQL Server, MySQL, MySQL Aurora
 - **noSQL/KV:** Aerospike, ScyllaDB, DynamoDB, Redis, RocksDB
 - **Frameworks:** Spring (Java), Tokio (Rust)
 - **Messaging:** Redis, SQS, ActiveMQ, SNS, Kafka, Vector(.dev)
 - **Storage:** SFTP, S3, Minio
 - **CI:** Jenkins, Github Actions, Gitlab CI
 - **Runtime environments:** Docker, Nomad, Consul, various AWS tools (ECS Fargate, Lambda, Step Functions, Glue, EC2), Tomcat
 - Comfortable working on macOS & Linux operating systems.

EXPERIENCE *Core0 (Software Engineer)*

September 2020 - Present

Littlepay (Software Engineer)

August 2019 - September 2020

- Integration with several acquiring banks, mainly using ISO8583, and PCI-compliant handling of cardholder data.
- Analytics platform ownership, including design, development, production deployments, and support.
- Process and tool improvement through POCs and implementation thereafter.

Key Achievements

- Significantly improved performance and stability of the analytics platform.
- Several successful and timely acquirer integrations.
- General technological improvement across the stack; uplifting, deprecating and replacing legacy systems throughout the product streams.

Intelematics (Graduate Developer)

May 2018 - August 2019

Key Responsibilities

- Gained experience with a large variety of applications and development styles, ranging from legacy systems to new cloud-based applications.
- Refactor and optimisation of a SQL Server database, resulting in significantly improved performance.
- Actively challenged myself to work with new technologies, including CI with Jenkins and Spinnaker, and Infrastructure as Code with Terraform.

Key Achievements

- Was a major contributor to a cloud-hosted webapp that integrated a variety of AWS services to provide a set of REST endpoints that significantly outperformed their on-premises, SQL-based equivalents.
- Single-handedly designed and implemented a major business logic refactor in a legacy system, satisfying all stakeholders and substantially improving the quality of our data.
- Subject matter expert for several microservices.

Software Engineer

February 2018 - October 2018

Online Hate Prevention Institute

Casual position offered after completion of the university capstone project. Liaised with the CEO to develop and deploy a Spring-based CRUD monolith.

PORTFOLIO

My personal projects are available [here](#).

ELIGIBILITY & REFERENCES

- Bachelor of Software Engineering from Monash University.
- I am an Australian citizen, and my references are available upon request.