

David Perich

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Profile

I'm a full stack software engineer in Melbourne, Victoria with experience in Node/JavaScript, Ruby/Rails, Docker, Kafka, React.js, and PostgreSQL. I am the co-creator of Venice [🔗](#), an open-source framework for deploying and managing stream processing pipelines for small event-driven applications.

Professional Experience

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|---|---|
| 01/2020 – present
Melbourne, Australia | Venice, Co-Creator Software Engineer 🔗 <ul style="list-style-type: none">• Developed a containerised back-end infrastructure with Docker, consisting of: Apache Kafka, Zookeeper, Confluent Schema Registry, Kafka Connect, ksqlDB, Kafka Connect, PostgreSQL server, and Kafdrop• Created a Node.js CLI to abstract and streamline the setup and management of event-stream processing pipeline.• Used bash scripts to automate pipeline startup in containers, and to address race conditions between components in the pipeline• Developed event producers in Python, Ruby and with the Twitter API as prototypes and motivating examples.• Analysed event-stream processing eco-system to determine optimal components and configurations for small applications.• Co-wrote engineering case study on the development of Venice https://venice-framework.github.io/ |
| 06/2018 – 12/2019
Melbourne, Australia | Self Employed, Full-Stack Web Software Developer <ul style="list-style-type: none">• Built a project management app similar to Trello with React/Redux and Rails• Built a social news and discussion application with Rails, PostgreSQL, and JavaScript• Built a personal task management app with Sinatra, PostgreSQL, and Handlebars.js |
| 10/2016 – 12/2019
Perth, Australia | Knowledge Society, Senior Consultant <ul style="list-style-type: none">• Led transformation projects for clients in government, education, aged-care sectors.• Led data analytics capability, translating data into actionable insights for major projects.• Other responsibilities: agile project management, workshop facilitation, client management. |

Education

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|------------------------------------|---|
| 06/2018 – 11/2019
Remote | Launch School,
<i>Software Engineering & Full-stack Web Development</i> |
| 10/2015 – 07/2017
Perth, WA | University of Western Australia,
<i>Graduate Certificate Social Impact</i> |
| 08/2008 – 12/2010
Milwaukee, WI | Cardinal Stritch University, Bachelor International Business |

Skills

Front End

HTML, CSS, JavaScript, React/Redux, jQuery, Bootstrap, Handlebars.js

Back End

Ruby, Ruby on Rails, Node.js, Sinatra, SQL, PostgreSQL, RESTful APIs

Other

AWS, Kafka, Docker, Git/Github, Linux, Docker-Compose, Agile