

David Perich

📍 Melbourne, Australia ✉ davidnperich@gmail.com 🌐 www.davidperich.com

Profile

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

Professional Experience

- | | |
|---|--|
| 01/2020 – present
Melbourne, Australia | Venice, Co-Creator Software Engineer 🔗 <ul style="list-style-type: none">• Developed a containerised back-end infrastructure with Docker to streamline the configuration and deployment of stream processing pipelines to a few simple commands.• Created a Node.js CLI to abstract and streamline the setup and management of event-stream processing pipeline.• Wrote bash scripts to automate pipeline startup, add conditional configurations, and to address race conditions between components in the pipeline.• Developed event producers in Python and Ruby as motivating examples• Testing pipeline throughput and latency on cloud services (AWS/DO)• Analysed event-stream processing eco-system to determine best practices, as well as 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 <p>Built an extensive number of personal and open source web applications including:</p> <ul style="list-style-type: none">• a project management app similar to Trello with React/Redux and Rails• a social news and discussion application with Rails, PostgreSQL, and JavaScript• a personal task management app with Sinatra, PostgreSQL, and Handlebars.js• an app for searching historical AFL data with Sinatra, PostgreSQL and Javascript. |
| 10/2016 – 12/2019
Perth, Australia | Knowledge Society, Senior Consultant <ul style="list-style-type: none">• Led innovation projects for clients in government, education, insurance sectors.• Led data analytics capability, translating data into actionable insights for major projects.• Other responsibilities: agile project management, workshop facilitation, data management. |

Education

- | | |
|------------------------------------|---|
| 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