

# Dane Dobra

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## SKILLS

### Languages

JavaScript, Python, C, C#, HTML/CSS, SQL

### Tools

React.js, Next.js, Node.js, Express.js, Flask, Prisma

### Miscellaneous

Git, AWS, RESTful APIs, Linux CLI, Docker, Figma, Adobe Photoshop

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## EDUCATION

### Queensland University of Technology (QUT)

*Bachelor of Information Technology*

Major in Computer Science

Minors in User Experience (UX) and Network & Security

5.5 GPA

Feb 2020 - Nov 2022

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## PROJECTS

Online Portfolio: <https://danehaley.codes/>

### Artikeler, Interactive article aggregator (Offline)

React.js, Chakra UI, Express.js, Docker, AWS

A web app for a Cloud Computing class that aggregates articles from news APIs and performs natural language processing for keyword extraction and sentiment analysis. The results of which is then displayed on the articles as "tags" that are used to interactively filter articles in order to promote discovery. Using docker, this app was hosted on AWS using EC2 auto-scaling with persistence via Redis and AWS S3.

Repository: <https://github.com/danehaley10/Artikeler>

### Pawler, Smart pet adoption service (WIP)

Next.js, Tailwind CSS, Prisma, PostgreSQL

A web app that would present adoption listings from several adoption agencies, with the aim of increasing visibility and ensuring pets go to the right home. To achieve the latter, it's hoped to implement an AI (GPT3) powered recommendation system that recommends listings based on the preferences and characteristics of the prospective adoptee.

Repository: <https://github.com/danehaley10/Pawler>

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## MISCELLANEOUS INTERESTS

- I produce synthesizer-driven music as a hobby and enjoy tinkering with my own custom-built synthesizer circuitry to create interesting sounds.
- I also enjoy making digital art and am currently doing self-study to become a better visual artist/designer regarding interactions of color, typography, and visual structures.