
PARSHWA MISHRA

Melbourne, VIC | Phone: [REDACTED] | Australian Citizen | Email: [REDACTED]

SKILLS

JavaScript, HTML, CSS, React.js, Node.js, Next.js, TypeScript, REST API, MongoDB (NoSQL database), Google Firebase, Tailwind CSS, GitHub. Familiar with Upstash Redis, AWS, PostgreSQL, and Python.

WORK

GitHub: <https://github.com/pmish1?tab=repositories>

Portfolio: <https://parshwa-mishra-dev.netlify.app>

Full Stack App: Full Stack API Service

- Full-stack API service with rate-limited and protected routes which allows users submit two pieces of text which are compared using OpenAI's Embeddings API and a Cosine Similarity algorithm to return a value describing the similarity between the texts. Further, functionality for users to login to the platform using Google provided OAuth 2.0, generate and revoke API keys and view details for each key in a dashboard.
- Front-end:
 - React.js with Next.js 13 framework for front-end functionality and client-side authorization checks. TypeScript to ensure code quality and reliability.
 - CSS with Tailwind framework to toggle between dark/light themes in addition to modern and responsive styling.
 - Hosted on Vercel.
- Back-end:
 - Next.js server components to communicate between OpenAI's Embeddings API for similarity logic check and Prisma database for API key vitals and information for dashboard.
 - Upstash Redis for rate-limiting API calls. Middleware authorization to ensure protected routes in addition to client-side authentication.

Full Stack App: Car rentals

- Full-stack application utilizing the MERN stack and responsive web design to facilitate listing management for a car-rental company. Implemented user authentication and authorization for listing creation, update, and deletion. Enabled customers to browse available listings and create reservations via the platform.
- Front-end:
 - React.js for dynamic functionality in web applications.
 - CSS with Tailwind framework to ensure consistent and responsive styling across multiple web pages and devices.
 - Hosted on Vercel.
- Back-end:
 - Node.js, MongoDB with JsonWebToken to develop secure and efficient RESTful API to handle data storage, data retrieval and user authentication.
 - AWS S3 buckets with custom policy to enable seamless image uploads.
 - Hosted on Heroku.

Full Stack App: Chat app

- A real-time web-based chat application, equipped with user authentication and authorization functionalities. Enabled users to seamlessly exchange text and image-based messages, while also providing the option to search and add friends on the platform.
- Front-end:
 - React.js utilizing ContextAPI to ensure optimal state management and effective component communication.
 - CSS for styling an intuitive user experience.
- Back-end and hosting:
 - Firebase for efficient and stable database management and hosting with Google Authentication to provide secure and streamlined login/registration process for users.

EDUCATION

Bachelor of Science - Computing and Software Systems

Software Engineering

University of Melbourne

Currently attending

General Assembly, Melbourne

2022

Tasmanian Certificate of Education - (ATAR: 96.75)
Data structures and Algorithms

Guilford Young College, 
AlgoExpert

REFERENCES

Available upon request.

OTHER

Australian Citizen

Academic Excellence – Jill Morgan Award

Student Leader

Sacred Heart College, 

Sacred Heart College, 