

SIDDHARTH SINGH

SOFTWARE ENGINEER

CONTACT DETAILS

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PERSONAL SUMMARY

A software engineer with a passion for building customer-centric applications. I am always thrilled to explore new technologies and work collaboratively with others. With my experience in both operations and software, I have developed effective communication skills and the flexibility to work with the engineering, design and product teams.

KEY COMPETENCIES

React.js
Node.js / Express.js
HTML, CSS, JS
PostgreSQL
Python, Flask
Jinja
Jest (for TDD)
Typescript

ACADEMIC BACKGROUND

General Assembly Australia

Software Engineering Immersive | 2022

University of New South Wales

Bachelor of Engineering (Honours)
Mechanical Engineering | 2019

OTHER PROJECTS

General Assembly Australia

Wordle - Vanilla JS Project

A twist on the NY Times Wordle that allows as many turns as players desire, and lets them build up their score; while also allowing them two more word-choices when they are close to the end of their attempts.

Technologies Used -
HTML, CSS, JS

[Check Demo](#)

PERSONAL INTERESTS

Philosophy - Stoicism, Metaphysics, Existentialism, Eastern
Running - Longest run - half-marathon
Weightlifting
Hiking - on a quest to find the best mountains in Australia
Podcasting - Game and Grow - playing hard games in a group and talking about profound topics

WORK EXPERIENCE

Fleet Logistics Manager and Software Engineer GoGet Carshare - October 2019 - Present

- In a fast paced startup environment, I coordinated management of a fleet of 3500+ vehicles
- Identified an opportunity to speed up the member sign-up process, by designing a system to facilitate faster smart-card pickup
- Managed projects of up to \$10M for vehicle purchasing and disposals
- Identified \$500k of lost revenue in various administrative/systemic problems, and lead the fleet uplift and auditing projects to overhaul the ways of working fleet-wide
- Project-managed the establishment of data dashboards to gain visibility on contractor/supplier performance, and to make better data-based decisions, resulting in a 23% increase in the productivity and quality measures
- Acting as a key point of contact for fleet operations and compliance, I also got the company out of a tough spot by renegotiating the amount to be paid to \$8k instead of \$105k, by investigating, collecting, organising and demonstrating data justifying our company's position
- Demonstrating an interest in software engineering, I was able to fulfil the requirements of my role while also shadowing in the dev department where I compiled feature requests, communicated requirements to the product team, and worked on designs and bug fixes with the engineering team
- Integrated Google Cloud Storage and Google Maps API utilising Node API to use the suburb name provided in the route to return a list of all pod-locations and vehicles present in that suburb
- Jest testing to address common errors
- Designed a REST API using NodeJS

General Assembly - May 2022 - October 2022

- Studying for 16 hours a week while working full-time, to kickstart my career change into software engineering, I committed to study the software engineering bootcamp at General Assembly
- My love of learning and time management skills allowed me to complete the following projects:

AppMinder - React/NodeJS Project

A React/NodeJS app that helps a job applicant organise the details of their applications throughout the recruitment process. They can sort their applications across the four stages of Draft, Applied, Interviewing and Awaiting.

Technologies Used -

- React, ReactDND
- CSS
- NodeJS, Express
- PostgreSQL

[Check Demo](#)

Tript - NodeJS Project

A digital travel diary, allowing users to save details of all their favourite trips, activities & hotels. They can also search trips posted by other users allowing them to find new and exciting places to go. Our team of 3 used Github Projects to create project timeline and break the tasks into tickets.

Technologies Used -

- HTML, CSS, JS
- NodeJS, Express
- PostgreSQL
- Google APIs (Autocomplete, Geocoding, Details, Directions)

[Check Demo](#)

Shopping List | Route Generator - Python | Flask Project

An app to create a shopping list using stores in the real-world (using Google Maps API) and to generate the shortest route between user's home address and all the stores on their list.

Technologies Used -

- HTML, CSS, JS
- Python, Flask, Jinja2
- PostgreSQL
- Google APIs (Autocomplete, Geocoding, Details, Directions)

[Check Demo](#)