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

QA Engineer 1
QA Wolf - May 2024 - Present

Fleet Administration and Logistics Manager
GoGet Carshare - October 2019 - May 2024

Managed a fleet of 3000+ vehicles -

- Developed and implemented an operations dashboard to monitor and analyse fleet performance metrics, enabling data-driven decision-making and enhancing operational efficiency

- Designed and deployed maintenance, cleaning, and productivity dashboards, offering comprehensive insights into multifaceted performance metrics. These dashboards catalysed data-driven decision-making processes, empowering the team to optimise operations effectively (23% increase in operational productivity and efficiency)

- Utilised an availability dashboard to meticulously monitor fleet performance, ensuring optimal vehicle availability for members while proactively identifying and addressing low-performing assets. Resulted in enhanced customer satisfaction and streamlined operations by minimising downtime and maximising fleet utilisation - overall lowering of unavailability by a factor of 4%, re-claiming lost revenue of ~$400k annually

- Revamped safety protocols resulting in increased compliance and a reduction in incidents by 10% ($80k annual savings)

- Led contractor and supplier management initiatives, ensuring seamless collaboration and cost-effective procurement

- Directed a team of 10 professionals responsible for various facets of fleet management, including administration, cleaning/maintenance, and logistics, fostering a collaborative and high-performing work environment

- 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

- Executed successful fleet procurement and disposal projects, optimising vehicle inventory and facilitating smooth supply-chain management for assets upto $1M at a time

- Managed vehicle registrations and insurance processes for a fleet of over 3000 vehicles, ensuring compliance with regulatory requirements and minimising risks

- 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

WORK EXPERIENCE - CONTINUED

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

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