Tarun **Singh**

Marine Engineer || Full Stack Web Developer

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TarunSingh.dev

Skills

- JavaScript – MongoDB, Express, React, NodeJS; Python - Flask, Django; Web Scraping, Git, AWS, G Cloud, Digital Ocean, Arduino & Raspberry Pi

Work Experience

Junior Engineer

Dockendale Ship Management Pvt. Ltd.

December 2018 – December 2019

Worked onboard 35000-ton bulk carrier ship, with experience ranging from generator full overhaul to maintenance and monitoring of main engine, starting and stop various machineries, offloading and onloading a generator. Troubleshooting various machineries.

Education

Indian Maritime University, Mumbai

BACHELOR OF TECHNOLOGY IN MARINE ENGINEERING

Aug 2014 - May 2018

Completed my degree in Marine Engineering - it's a hybrid of mechanical engineering and electrical engineering. Created Website for the college fest from Scratch, served it on AWS, it saw around 20,000 hits in span of 1 month. Also created web controlled model of surveillance boat which used Raspberry pi, custom circuits & coded in python.

Projects

Image Generation Application

motivate-app.herokuapp.com

- Designed and developed an application which scraps inspirational quotes from a bunch of websites, write it over a background image and generates a final image for posting over social media.
- Tools used – Python, Flask, Pillow, Beautiful Soup

URL shortener

sner.herokuapp.com

- Designed and developed a web application which takes a URL from user and returns a shortened URL which can be used all over the web.
- Tools used – Nodejs, Express, MongoDB

Better weather

the-better-weather.herokuapp.com

- Created a weather finding app which collects data from three separate sources to show you forecast and give you more data about weather ahead, so you can make an informed decision.
- Tools used – React, Postman, JS, Heroku

Cryptocurrency price finder Alexa skill

https://sner.herokuapp.com/TlxcK15mW

- Created a Cryptocurrency price finder Alexa skill, which can be used to find current market price of over 100 cryptocurrencies in fiat currency of your choice.
- Tools used – Python, Requests, AWS lambda