

# Tarun Singh

FULL STACK DEVELOPER

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## Projects

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### Image Generation Application

[motivate-app.herokuapp.com](https://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](https://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](https://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

### Remote controlled boat

- Internet controlled boat with two motor driven propellers, a servo motor-controlled rudder and live camera feed.
- Tools used – Raspberry Pi, Flask, JS, Custom made circuits.

## Skills

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

## Work Experience

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### Junior Engineer

Dockendale Ship Management Pvt. Ltd.

December 2018 - December 2019

## Education

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### Indian Maritime University, Mumbai

BACHELOR OF TECHNOLOGY IN MARINE ENGINEERING

Aug 2014 - May 2018