

Tarun Singh

Toronto, ON | Full Stack Web Developer | +1-647-514-0772

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Skills

JavaScript – Express, ReactJS, NextJs, and NodeJS

Databases - MongoDB, MySQL and Mongoose

Python - Flask, Django and scripting

API Integration - Slack, DiscordJS and Twitter

Misc - Web Scraping, Git, Github, AWS, Google Cloud, Digital Ocean, Arduino & Raspberry Pi

Certifications

APIs and Microservices

JavaScript Algorithms and Data Structures

Front End Certification

Google Cloud: Core Infrastructure

Work Experience

Full Stack Web Developer

Basebuild, Full-time

May 2022 – Present

I've worked with Basebuild, a US-based startup. developing new features and fixes, My primary task was to create new features related to PDF generation, reusable components Tree display etc. Technologies - **NextJS, ReactJS, NodeJS, Express, MongoDB and MySQL.**

Solutions developer

Neuravue, Part-Time

Mar 2022 – Present

I started working with Neuravue as a full stack web developer and moved into solutions developer working on improving our MVP and providing technical guidance and troubleshooting issues in MVP while trying to improve our base product i.e. a real-time CCTV analytics platform using AI models which fires event notifications to mobile app and web dashboard. Technologies - **Express, NodeJS, Firebase, Wordpress, Jetson Nano, AI and ML.**

Full Stack Web Developer

Upwork, Freelancer

May 2021 – Present

I've worked with multiples client around the world and helped them build their website from the ground up. I've started from the design phase and handled the development and work till the launch of the website. I've helped over 20 clients during my work as a freelancer and have built long-term relationships with them. Technologies - **ReactJS, Redux, NodeJS, ExpressJS and MySQL.**

Full Stack Web Developer

Kisan Network

Aug 2020 – Aug 2021

Working on the front end as well as backend. Handled making new features for the growing web app, created a backend for the android app, and Optimised the web app for better performance. Technologies- **ReactJS, Redux, NodeJS, and MySQL.**

Junior Engineer

Dockendale Ship Management Pvt. Ltd.

Dec 2018 – Dec 2019

Worked onboard a 35000-ton bulk carrier ship, with experience ranging from generator full overhaul to maintenance and monitoring of the main engine, starting and stopping various machinery, offloading, and on loading a generator. Troubleshooting various machinery.

Education

Lambton College, Toronto

COMPUTER SOFTWARE AND DATABASE DEVELOPMENT

Sep 2021 - May 2023

Working on my advanced diploma, the course involves working with web technologies and other languages while also developing database management skills. Created demo projects in Java, .net and Javascript.

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 and saw around 20,000 hits in a span of 1 month. Also created a web-controlled model of surveillance boat which used Raspberry pi, custom circuits & coded in python.

Projects

Monitoring and Scrapping API -

github.com/tarun7singh/website-api

- This API serves multiple roles such as my scrapping needs, tracking current packages, monitors CRS draws, Generate images for posting on social media.
- Tools used – TypeScript, NodeJS, Express, Axios, Puppeteer, Github Actions, Virtual Machine

Image Generation Application

tarunsingh.dev/image-generator

- Designed and developed an application that scraps inspirational quotes from a bunch of websites, writes 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 that takes a URL from the user and returns a shortened URL that can be used all over the web.
- Tools used – Nodejs, Express, MongoDB, HTML, CSS

Better weather

the-better-weather.herokuapp.com

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