

# Tarun Singh

Toronto, ON | +1 647 514 0772

[Portfolio - tarunsingh.dev](https://tarunsingh.dev) | [tarun7singh7@gmail.com](mailto:tarun7singh7@gmail.com) | [github.com/tarun7singh](https://github.com/tarun7singh) | [linkedin.com/in/tarun7singh](https://linkedin.com/in/tarun7singh)

## WORK EXPERIENCE

### Software Engineer

Jan 2023 – Present

SOTI, Canada

- Actively participated in scrum meetings, contributed to project planning and ensured coordination team members.
- Collaborated with senior developers to design and implement innovative features for iOS mobicontrol products.
- Decreased enrollment type of iOS devices by adding QR code enrollment functionality
- Technologies - **Angular, Typescript, C#, .NET, GIT, GitHub and MySQL.**

### Full Stack Web Developer

May 2022 – May 2023

Basebuild, California, USA

- Developing new features in Typescript, including PDF generation, reusable components, Tree display etc.
- Migrated and fixed bugs for Javascript-based express & NodeJS backend to typescript.
- Improved deployment time from an average of 10 minutes to 2.5 minutes by using automatic and parallel CI/CD.
- Technologies - **NextJS, React, NodeJS, Typescript, Express, MongoDB, GIT, GitHub, app engine and MySQL.**

### Full Stack Web Developer

Aug 2020 – Aug 2021

Kisan Network, New Delhi, India

- Decreased response time by 2 seconds for invoice generation & scraping by decoupling it and moving to serverless functions; also decreased peak ram consumption by 2 GB per service.
- Implemented Zero downtime deployments using GitHub action and google app engine.
- Technologies - **React, Redux, NodeJS, GIT, GitHub, GitHub actions, app engine, and MySQL.**

### Software Engineer

Dec 2018 – Dec 2019

Dockendale Ship Management

- Worked on creating daily reports based on current status and performance of various components.
- Worked on google chrome extension to make manual data entry easier.
- Technologies - **HTML, CSS, JavaScript, GIT, GitHub and MySQL.**

## EDUCATION

### Lambton College | Computer Software and Database Development

GPA: 3.6 Sep 2021 - April 2023

Courses: Python, SQL, .NET, and Java web applications, Data structure and algorithms, and Database Development.

### Indian Maritime University | Bachelor of Technology (B.Tech.)

Aug 2014 - May 2018

- Programmed website for the college fest from Scratch, hosted on AWS and handled around 20,000 hits in 1 month.
- Designed and created a web-controlled model of a surveillance boat which used Raspberry pi and custom circuits & coded in python.

## TECHNICAL SKILLS

**Languages** - JavaScript, TypeScript, Express, React, NextJS, NodeJS, Python, Flask, Django, C#, Java, and .NET

**API Integration** - Slack, Stripe, Discord, OpenWeather, Google maps and Twitter

**Databases** - PostgreSQL, MySQL, MongoDB, Prisma & Mongoose

**Tools** - Web Scraping, Git, GitHub, GitHub Actions, AWS, Google Cloud, Digital Ocean, Arduino & Raspberry Pi

**Certifications** - Back End Development; APIs and Microservices; JavaScript Algorithms and Data Structures

## OPEN SOURCE CONTRIBUTIONS

### Uptime Kuma - TypeScript, JavaScript, Vue, C#, SCSS, HTML

- Added MQTT Monitor type <https://github.com/louislam/uptime-kuma/pull/875>
- Adds ClickSendSMS notification provider <https://github.com/louislam/uptime-kuma/pull/798>

### Shields - JavaScript, CSS, HTML

- [Netlify] Added changes to use a new color schema. <https://github.com/badges/shields/pull/6340>
- [Youtube] Added channel view count and subscriber count badges <https://github.com/badges/shields/pull/6333>

### FreeCodeCamp - TypeScript, JavaScript, CSS, HTML

- Squashed Disable an element using JQuery. <https://github.com/freeCodeCamp/freeCodeCamp/pull/16578>
- Changed protocol relative URLs to HTTPS URLs. <https://github.com/freeCodeCamp/freeCodeCamp/pull/16573>