

Front-end Web Developer

☎ (647) 979-0872

 [Portfolio](#) [LinkedIn](#) [Github](#)

Highly motivated software engineer with 5 years of professional experience as a front-end web developer. Strong understanding of **React**, **Typescript** and web development fundamentals.

Front-end Web Developer – Quint

Quint Blog

- Collaborated with a team of 4 to launch blog website in 1 week
- Achieved 100% Lighthouse score with optimized SEO and accessibility

[Astro](#)
[Solid.js](#)
[Typescript](#)
[Tailwind CSS](#)
[Next.js](#)
[Disqus](#)
[GitLab](#)
[RDFa](#)

- Built fully accessible, responsive website with light/dark themes
- Created UI component library based on Radix UI design system and documented on Storybook

 React
 Next.js
 Typescript
 Radix UI
 Tailwind CSS
 Web 3
 Storybook
 GitLab

Calculate

- Led team of 4 front-end developers to create and maintain features and set clear design system standards
- Developed front-end monorepo architecture with 2 apps and 5 independent libraries
- Developed a proprietary charts library using D3.js with 10 different types of charts with animations, interactive tooltips, legends and placeholders with randomly generated data
- Built performant editable tree tables with fixed columns, virtual sticky headers, and advanced styles
- Built time selectors and filters that follow a global state design pattern and sync with the URL
- Integrated Stripe for subscription payments
- Developed proprietary types SDK for API type safety

[React](#)
[TypeScript](#)
[Material UI](#)
[Turborepo](#)
[Sentry](#)
[AWS](#)
[Sass](#)
[Styled components](#)
[react-hook-form](#)
[Zod](#)
[D3.js](#)
[Devexpress](#)
[Storybook](#)

BMW Foundation and TwentyThirty.

- Launched two responsive websites with keyboard navigation and screen reader support
- Created accessibility menu with high contrast mode, dyslexia-friendly font, and animations toggle
- Integrated Google Tag Manager and followed SEO best practices

 React
  Gatsby.js
  TypeScript
  Material UI
  JSS
  Multi-language Routing
  Responsive UI
  i18next
  Wordpress
  Twitter API
  Instagram API
  Facebook API
  YouTube API
  Google Tag Manager

- Built back-end API with Express.js and Firebase for authentication, file uploads, emails, and database queries
- Integrated Zoom for automatic meeting link creation and email sending to students
- Built admin dashboard for lecture management and grade emailing to parents

 Firebase
 Express.js
 TypeScript
 Sendgrid
 React
 Material UI
 JSS
 Formik
 Yup
 Zoom API

Netjeek

- Conducted system analysis to define APIs with possible responses
- Designed and implemented eCommerce website for international customers
- Integrated Google Maps for delivery location pinpointing and detection
- Integrated Stripe for shipment payments
- Created mock API with configurable front end for each endpoint status code

 React
 JavaScript
 Material UI
 JSS
 Express.js
 Redux
 Stripe API
 i18next
 Google Maps
 JSDoc
 React Testing Library
 Python

Faculty of Engineering - Tanta University

2014 - 2019

An Express-like C++ web application framework

A simple-to-use web development framework with an easy syntax inspired by Express.js that lets developers build full-fledged back-end multi-threaded API servers with middleware support and connect it to the desired database in C++

 C++17
 CGI
 Apache
 Multithreading
 Linux

Mastering React (by Mosh Hamedani)

Node.js - The Complete Guide to Build RESTful APIs (by Mosh Hamedani)

Vue - The Complete Guide (w/ Router, Vuex, Composition API) (by Maximilian Schwarzmüller)

CSS - The Complete Guide (by Maximilian Schwarzmüller)

Master C++ and OOP (Learncpp.com)

Introduction to Game Development Specialization (Coursera)