

Peter F. Tumulty

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FRONT END SOFTWARE ENGINEER

Experienced Front End Software Engineer with over 10 years of experience creating customer-facing Next.js sites and React-based SaaS applications. Excels at collaborating with cross-functional teams and building and maintaining complex, interactive UIs. Significant experience in relevant web technologies such as React, JavaScript, TypeScript, HTML, and CSS. Skilled in implementing software engineering best practices and promoting high standards through effective communication and code review.

EDUCATION

Southern New Hampshire University, Manchester, NH

Bachelor of Science in Computer Science

April 2024

– 3.9 GPA

Devry University, North Brunswick, NJ

Associate of Arts in Web & Graphic Design

April 2013

– 3.8 GPA (Valedictorian)

Hunter College, New York, NY

Bachelors of Arts in English

January 2010

CERTIFICATIONS & LICENSES

Intermediate JavaScript Nanodegree | Udacity

2020

Full-Stack Developer Nanodegree | Udacity

2020

Front-End Developer Nanodegree | Udacity

2020

React Developer Nanodegree | Udacity

2018

CORE COMPETENCIES

Software Engineering | Advanced Front End Development | Full Stack Development | Junior Developer Mentorship | Writing Documentation | Agile Methodology | Kanban | Scrum | Technical Communication | Software Development Life Cycle | Continuous Integration & Continuous Delivery | JIRA | Confluence | Git | Docker | Test Driven Development | Web Performance Optimization | Web Application Architecture | Unit Tests | Integration Tests | API & SDK Development & Integration | Headless CMS Systems | UI Component Libraries | Figma | Design Systems | Storybook | TypeScript | JavaScript | Node.js | ES6 | React.js | Next.js | MobX | Redux | HTML | CSS | Flexbox | CSS Grid | SCSS | Bootstrap | Tailwind.css | PHP | Python | Laravel | Flask | Apollo | RESTful APIs | GraphQL | SQL & NoSQL Databases

PROFESSIONAL EXPERIENCE/ADDITIONAL PROFESSIONAL EXPERIENCE

Tumulty Web Services (Brick, NJ)

October 2021 - Current

Owner, Lead Developer

- Partner with small businesses, startups, e-commerce companies, corporations, and agencies to create customized web-based solutions, including business and event marketing websites, SaaS platforms, automation APIs, and custom features, both as standalone projects and integrations within existing applications.

- Provide clients with strategic direction to improve website performance metrics, search engine optimization, and overall user experience, resulting in enhanced online presence and increased profitability.
- Mentor junior developers and recent bootcamp graduates by providing code reviews, pair programming sessions, and expert guidance to improve their software engineering skills, empowering them to build high-quality products and advance in their careers.

Udacity (San Francisco, CA)

February 2022 - Current

Session Lead - Front End Nanodegree (contractor)

- Lead weekly group sessions of 30+ students, providing instruction and review of front end development and software engineering concepts to facilitate learning and understanding.
- Offer personalized 1:1 help and pair programming sessions and regularly scheduled office hours to support student learning and provide individualized assistance as needed.
- Perform code reviews with a focus on technical accuracy and effective communication to provide constructive feedback and ensure high-quality software development practices.

Vault Innovation Group (Chicago, IL)

January 2022 - February 2023

Senior Front End Engineer

- Work closely with cross-functional team members including designers, customer engineers, and support engineers within a Scrum/Agile environment to ensure timely delivery of high-quality software solutions for e-commerce and SaaS clients.
- Collaborate with the development team to extend multiple stateful and stateless React front end systems by implementing new features, adding thoroughly tested updates, and integrating various SDKs, APIs, CMS, and UI component libraries.
- Provide comprehensive documentation to support all code updates and features, ensuring clean and concise communication between clients and team members.

Rutgers Coding Bootcamp (Somerset, NJ)

December 2015 - June 2021

Instructor - Full Stack Web Development

- Led a 24-week course of 20+ students teaching advanced programming concepts in JavaScript, implementing relational and non-relational database management systems, and building full-stack web applications.
- Graded student's homework and provided critical feedback to help develop proper coding techniques and improvise the understanding of programming concepts.
- Provided 1:1 support and mentorship to students seeking extra help and managed student attendance and administrative tasks in the classroom to ensure a positive learning experience.

Scarinci Hollenbeck (Lyndhurst, NJ)

December 2013 - April 2021

Lead Web Developer

- Led the initiative to overhaul the company's website using a JAMstack architecture, which significantly improved site performance and SEO metrics, and streamlined the integration of new marketing technologies and services.
- Designed internal tools and APIs that automated attorney marketing efforts and business initiatives, streamlining processes and increasing efficiency.
- Collaborated with product owner and UX designer to develop digital marketing materials, including sales landing pages, email templates, interactive web components, and site features, resulting in enhanced client acquisition and brand growth.