

Suhrad Trambadiya

Full-stack Developer

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<a href="#">LinkedIn</a>	<a href="#">Portfolio</a>	<a href="#">GitHub</a>
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**Profile**

Full Stack Developer with over **3+ years of expertise** in developing and deploying robust web applications. Skilled in both **MERN stack** (MongoDB, Express.js, React, Node.js) and **Python-based frameworks** (FastAPI, Django). Proficient in front-end technologies such as **Next.js, React**. Experienced in back-end development with **Java, Node.js, and Python**, focusing on building scalable and efficient **RESTful APIs**. Experience with database systems (MongoDB, MySQL, RDBMS) and cloud technologies (AWS, Azure). Proficient in deploying applications using **Docker and managing CI/CD pipelines**. Experienced in Agile and Scrum methodologies, with a strong emphasis on mindfulness, systematic problem-solving, and driving innovation in dynamic development environments.

- Skills**
- Front-End Skills:** HTML5, CSS3, JavaScript, **React.js, Redux Toolkit, Next.js**, Bootstrap, Tailwind CSS, SCSS, Material UI, Chakra UI, AG-Grid, **JavaScript**.
  - Back-End Skills:** **Core Java, Node.js**, Express.js, **TypeScript**, Socket.io, RESTful APIs, **Python, Django, FastAPI**, Apollo Server, **GraphQL**.
  - Database & ORM:** MongoDB, **MySQL**, PostgreSQL, Prisma, Sequelize, **SQLAlchemy**
  - web specializations:** **SEO, Web Accessibility (WCAG)**, Performance Optimization, Responsive Web Design, Cross-Browser Compatibility, Progressive Web Apps (PWA), Web Security, **Content Management Systems (CMS)**, Usability and UX
  - DevOps:** **Docker, CI/CD Pipelines**, AWS
  - Project Management Expertise:** Scrum, **Agile**, JIRA
  - Version Control:** Git, **GitHub**
  - Soft Skills:** Effective Communication, Time Management, Problem-Solving, Leadership, Teamwork, Cheerful Outlook, Attention to Detail

**Experience**

**FULL STACK DEVELOPER | NITYAM WEB SOLUTIONS**

January 2023 to September 2024

- Developed and deployed scalable web applications using both the **MERN stack** (MongoDB, Express.js, React, Node.js) and **Python full-stack** frameworks like Django and FastAPI, depending on project needs, reducing deployment time by 30%.
- Built responsive, **SEO-optimized**, and accessible front-end interfaces using **React, Next.js**, Tailwind CSS, SASS, and CSS preprocessors, ensuring **cross-browser compatibility** and improving page load speed by 20%.
- Led the **system design** for key projects, ensuring scalability, high availability, and modular structure, including **microservices, load balancing**, and **database sharding** where required, improving application uptime by 99.99%.
- Designed and implemented **RESTful and GraphQL APIs**, integrating Node.js, Express.js, Fast API, and Apollo Server to support dynamic client-server communication, improving API response time by 15%.
- Integrated **JWT-based authentication**, managed **secure cookies**, and implemented **role-based access control (RBAC)** to ensure robust user authentication and authorization, enhancing security by reducing unauthorized access attempts by 40%.
- Managed both NoSQL and relational databases including **MongoDB, MySQL, and PostgreSQL**, handling everything from schema design, data modeling, to **query optimization and performance tuning**, reducing database query time by 25%.
- Followed web security best practices, addressing vulnerabilities such as **XSS, CSRF**, and ensuring secure API consumption with proper **CORS policies**, token management, and HTTP setup, lowering security vulnerabilities by 50%.
- Utilized GitHub for version control, implemented build optimizations with Webpack, and deployed apps through **CI/CD pipelines**, ensuring automated, error-free releases, reducing deployment errors by 35%.
- Enhanced application performance using code splitting, **lazy loading, and indexed querying** to reduce load times and improve user experience, resulting in a 40% decrease in page load time.

**FRONT END DEVELOPER | INFINITY WEB SERVICES**

October 2021 to December 2022

- Built **responsive React web interfaces** from Figma wireframes using CSS **Grid, Flexbox**, and Tailwind, optimizing for SEO and accessibility.
- Integrated REST APIs securely with JWT authentication and cookies; managed global state with **Context API, Redux Toolkit, and React Hooks**.
- Refactored and modularized large React codebases with **TypeScript** to improve scalability, maintainability, and type safety.
- Developed high-performance, reusable components based on **UI/UX designs using Storybook**, enhancing development speed and consistency.
- Architected and optimized React **single-page applications** (SPA) and **server-side rendered** (SSR) applications for better performance and flexibility.
- Collaborated in Agile teams through sprint planning, daily standups, and code reviews, ensuring alignment with **Figma wireframes** and technical requirements.

**WEB DEVELOPER | ATMIYA SPORTS CLUB**

Volunteer from the last 5 years

- Built and maintained **multiple web applications** for the club, including **live score tracking, event registration, and team management** tools.
- Managed the digital infrastructure for the **North Canada Largest Indoor Tournament**, ensuring smooth online operations for the event.

**Education**

**Diploma in Computer Programming** | Sheridan College

**Certificate Course:**

**Full Stack Development** | CodeCademy

**Web Development Free Online Course** | Harvard University

**MySQL, MongoDB, JavaScript (ES6), MERN Project Management** | Udemy