

Paras Malhotra

Toronto, CA | 519-209-7923 | parasmalhotra522@gmail.com | [linkedin.com/parasmalhotra522](https://www.linkedin.com/parasmalhotra522) | github.com/parasmalhotra

PROFESSIONAL SUMMARY

Enthusiastic & Dedicated Front End Developer with 4+ years of expertise in front-end development and web development using modern technologies like React.js, JavaScript, TypeScript, and HTML/CSS. Proven track record of high work ethic while delivering high-quality code and implementing continuous integration practices within an agile design system. Committed to continuous learning & product development, developing innovative solutions for both mobile applications as well as web applications.

EXPERIENCE

Full Stack Developer

Jan 2024 – Present

Lambton College

- Analyze data of educational institutes for past years, resulting in a 30% improvement in decision-making processes
- Developed Python scripts to automate data processing, cleaning, transformation, and visualization, increasing report generation efficiency and precision by 95%
- Collaborated with clients to get constructive feedback and gather feedback and align project deliverables with the product roadmap, reducing report generation time by 80%

React Developer

Oct 2023 – Dec 2023

Lambton College

- Led the front-end development of new user-facing features for technology platform using React, improving the overall user experience and contributing to the software development lifecycle
- Built reusable components enhancing scalability & code maintainability as part of our commitment to continuous improvement
- Translated designs & wireframes into high-quality code, to maintain consistency closely with the designs
- Optimized components design system for maximum performance across a wide array of devices and browsers
- Implemented state management using Redux design patterns, ensuring efficient data handling & performance
- Implemented performance optimization techniques such as Lazy Loading, enhancing scalability, user experience & website performance

Front End Developer

Aug 2020 – Aug 2022

Cognizant Technology Solutions

- Worked on different components of web services, using the MVVM architecture of Angular using controllers, filters and directives and for data flow delivered web applications
- Collaborated with a cross-functional team to develop features based on an organized and detailed analysis of user needs outlined in Jira, within an agile development environment
- Led a team to design and develop responsive applications using Figma, Angular, ReactJS, TypeScript, HTML5, ensuring front-end development met cross-browser compatibility and improving user engagement by 75%
- Collaborated closely with architects, UX designers, other developers, and product owners consulting on software architecture, design, dependencies, and code maintainability
- Contributed significantly to the iterative design & progress of several development projects simultaneously, leveraging asynchronous programming techniques to enhance efficiency and performance
- Developed microservices using Express.js and Node.js, integrating them into the existing application and enhancing application performance by 20%.
- Conducted performance testing, debugging, code reviews, and wrote unit tests for each sprint before application deployment using tools like Jest. Collaborated with QA team to deliver zero failed test cases
- Provided post-implementation technical support, troubleshooting, resolving errors, maintaining quality controls and delivering comprehensive technical documentation, reducing downtime by 40%
- Upskilled by learning new technologies and staying updated with the latest industry trends and best practices
- Gather feedback from client based on the prototype and work on the feedback provided
- Utilized version control systems like Git and BitBucket for efficient code management and collaboration

Front End Developer Internship

Feb 2020 – Jun 2022

Cognizant Technology Solutions

- Designed the automation platform using design tools like Figma and developed it using the javascript frameworks like Express.js, Angular, Node.js, MongoDB, animation focusing on intuitive user interface design
- Built microservices on server-side with Node.js and Express.js for data extraction from Jira, enhancing project management efficiency
- Created Api end points using Flask by extracting data for the test cases from multiple sources like Jira and csv files

EDUCATION

Lambton College

Post Graduation in Full Stack Software Development

Toronto, ON

Sep 2022 – Apr 2024

Lovely Professional University

Bachelor's in Computer Science

Punjab, India

Aug 2016 – Jun 2020

PROJECTS

Lets2alk | Node, React, MongoDB, Express, JavaScript, PostMan, Web Sockets

April 2024 – June 2024

- Real-time Chat Application with the features of one to one chat and Group Chat functionality with the use of WebSockets and RESTful API design
- Authenticated users securely with JWT Tokens, allowing user to find other users by email and connect with them and sending messages to interact with them whereas a person can create new Group Chats
- Engineered a robust database design and implemented back-end with Node.js and Express.js, optimized performance with MongoDB for efficient data storage, and implemented intuitive interfaces using Chakra UI for enhanced usability and visual appeal

Netcool Maps | Angular, js, Git, Node.js

Sep 2021 – Jun 2023

- An application for client of Cognizant that represented map of the United Kingdom with the real time plotting of the dynamic event markers based on the events triggered by the networking equipments
- Utilized open source tools like GeoJson to draw the outlines of UK based on the regions
- Wrote Asyn API calls with AJAX to fetch data from backend Server providing the exact location of the faulty devices
- Dynamically plotting the markers based on severity of events onto map increasing ground team's accuracy to resolve issues with those faulty network devices by 80%

TECHNICAL SKILLS

Programming Languages: Python, JavaScript, TypeScript, SQL, DHTML/HTML, CSS

Web Technologies: Leaflet.js, JQuery, Angular UI component libraries, RESTful Services, Sass, Less, MongoDB, UI/UX, Ngnix, TailwindCSS

JavaScript Frameworks: Express.js, Angular, NodeJS, React.js, Material-UI, BootStrap, ChakraUI

Developer Tools: Git, SVN, Docker, Jira, performance testing, Build Tools like Webpack

Other Technical Skills: Data structures and algorithms, Debugging, JSON, DOM manipulation, information technology, npm, Generative AI tools like Gemini, Chatgpt

Soft Skills: Decision-making, interpersonal skills, Strong Analytical Skills, Problem-solving skills, Collaboration skills