PARSA MAHMOUDI

Phone: (416) 399-7728 | Email: parsamh8@gmail.com | Toronto, ON
Linkedin: /Parsamh | Portfolio: parsa-portfolio-react.netlify.app/ | GitHub: /Parsamh8

Full Stack Developer

Full Stack Developer with 2 years of experience in data analysis and project coordination, confidently building and optimizing MERN stack applications while leveraging knowledge of the PERN stack. Proficient in JavaScript, TypeScript, Python, CSS, HTML, and ReactJS, with a strong foundation in web and application development. Earned a certificate in Full Stack Web Development from the University of Toronto Coding Boot Camp. A dedicated problem-solver with proven strengths in leadership, communication, and delivering projects from concept to successful deployment.

TECHNICAL SKILLS

Programming Languages: JavaScript , Python, HTML, CSS, TypeScript, Ruby, Java
Technologies: PSQL, MongoDB, JSON, XML, Linux, JWT, npm, Bootstrap, AWS, Axios
Frameworks & APIs: React.Js, Node.Js, Express.Js, jQuery, AJAX, RESTful API, Insomnia, Apollo Server, Web services
IDEs, Source Control, Test: VS Code, Visual Studio, Git, Jira, Figma, Jest, Cypress, Circleci

RELATED EXPERIENCE

Hipub | **GitHub** | **Deployed**
- **Description**: Developed Hipub, a PERN stack app featuring an AI bartender that offers personalized bar suggestions, user profiling, and an interactive chat experience.
- **Responsibilities**: Conceived the idea of Finn and the Hipub project, designing its core features, including Finn's AI persona, the inviting bar-themed UI, and the user profile database architecture.
- **Tools / languages:** React, CSS, Node.js, Express.js, PostgreSQL, OpenAI API, Google Map API, JWT for authentication

iBook | **GitHub** | **Deployed**
- **Description:** Built a MERN stack app with a Google Books API search engine, refactored from RESTful to GraphQL using Apollo Server, allowing users to search and save books.
- **Responsibilities:** Implemented search functionality, refactored API endpoints to GraphQL, and integrated user book-saving features with authentication.
- **Tools / languages:** MongoDB, Express.js, React, Node.js, Apollo Server, GraphQL, Google Books API

ForecastFlex | **GitHub** | **Deployed**
- **Description:** a weather forecasting application offering real-time, accurate weather updates with customizable features for tracking conditions by city, including a 4-day forecast. The app emphasizes user-centric design and data reliability.
- **Responsibilities:** Integrated OpenWeatherMap APIs for real-time weather data and optimized UI/UX to ensure a seamless user experience and efficient backend performance.
- **Tools / languages:** Express.js, React, Node.js, TypeScript

Project Coordinator   Sep 2023– Aug 2024
Crosslinx Transit Solution   Toronto, ON

- Designed and maintained backend applications using SQL to manage large datasets, optimize system performance, and streamline data relationships for efficient processing.
- Built interactive dashboards and data models in Power BI and Tableau, visualizing over 360,000 data points to enhance user experience and support data-driven decision-making.
- Conducted in-depth data analysis to identify performance bottlenecks, assess system risks, and ensure smooth application flow and improved functionality.

Commissioning Coordinator   Jan 2022– Sep 2023
Crosslinx Transit Solution   Toronto, ON

- Streamlined data workflows by managing and updating checklists using internal asset tracking tools, improving process efficiency and accuracy.
- Improved system functionality and performance by leading testing and commissioning events, resolving deficiencies in collaboration with vendors.
- Delivered data-driven insights and ensured operational excellence through meticulous tracking, reporting, and vendor coordination.

Production Technologist   Oct 2021– Jan 2022
Hayward Gordon   Halton Hills, ON

- Reviewed engineering drawings for manufacturability, ensuring compliance with regulatory requirements and safety rules enforcement.
- Coordinated training sessions for new employees, promoting teamwork and communication within the organization.
- Utilized problem-solving skills to quickly troubleshoot issues that arose during production runs.

EDUCATION

University of Toronto
Certificate, Full Stack Web Development
Toronto, ON

Centennial College
Advanced Diploma Aerospace Manufacturing Engineering Technology
Toronto, ON

Azad University
BSc Electrical Engineering
Tehran, Ir

Murdoch University
Diploma Communication And Media Studies
Dubai, UAE