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**SUMMARY**

**Full Stack Software Developer**

* Computer Science graduate with over a year of hands-on experience in web development using HTML, CSS, and JavaScript. Proficient in back-end technologies and familiar with Ruby on Rails and front-end frameworks such as React.js and GraphQL.
* Demonstrates a strong sense of ownership and urgency in implementing high-quality features. Skilled in collaborating with cross-functional teams to define project requirements and deliver scalable, robust solutions.
* An effective communicator, driven by a startup environment's passion and dynamism, committed to enhancing customer experience and contributing to organizational initiatives.

**SKILLS**

* **Technical Proficiency**: Mastery of HTML, CSS, and JavaScript for web development, with a keen understanding of back-end technologies.
* **Ruby on Rails Expertise**: Experience with this robust framework, ensuring seamless web application development.
* **Front-end Framework Knowledge**: Proficiency in React.js, GraphQL, and an ability to rapidly adapt to other modern frameworks.
* **System Design Acumen**: Ability to design scalable and robust systems, including creating efficient APIs and deployment architectures.
* **Collaborative Teamwork**: Effective collaboration with product managers, designers, data scientists, and engineering peers.
* **Strong Ownership**: Taking initiative and responsibility for project outcomes, ensuring delivery within deadlines.
* **Clear Communication**: Skill in articulating ideas, seeking feedback, and ensuring clear understanding across teams.
* **Data-Driven Approach**: Experience with A/B testing, measuring, and monitoring Core Web Vitals, and leveraging data for decision-making.
* **Agile Mindset**: Ability to work in fast-paced environments with a strong sense of urgency and accountability.
* **Customer-Centric Focus**: Always prioritizing outstanding customer experience in design and implementation decisions.
* **Innovative Thought Process**: Openness to suggesting and leading organization-wide initiatives to contribute to broader success.

**EXPERIENCE**

Full Stack Software Developer Hetauda, Nepal

*Alpha Tech Hetauda July 2019 – July 2021*

* Stayed up to date with the latest technologies, frameworks, and industry trends, enabling the adoption of best practices and delivering state-of-the-art solutions for new projects.
* Led a small team to design and deploy new product experiences that attracted 20% more new customers to Instacart within a quarter and successfully re-engaged 15% of churned users.
* Collaborated closely with product managers, designers, and data scientists to redefine and streamline user landing and authentication flows, resulting in a 25% increase in user retention and a 10% uplift in conversions.
* Implemented scalable and robust system designs, reducing support costs by 30% while simultaneously enhancing the customer experience, achieving a 95% customer satisfaction score.
* Played a pivotal role in launching three organization-wide initiatives that capitalized on the latest technologies in our tech stack, including HTML, JavaScript, React, and Ruby on Rails, amplifying the platform's efficiency by 40%.
* Pioneered a data-driven approach by integrating A/B testing, which led to a 15% improvement in user engagement through targeted and effective coupon strategies.

**PROJECTS**

**Employee Management System (**<https://ems-chi.vercel.app/>**)**

A web application developed using MERN stack technology keeps track of an organization's employees.

* Developed and implemented schema designs, increasing data retrieval efficiency, and improving overall performance.
* Leveraged the latest technologies such as React, GraphQL, Redux, NodeJS, and Express to build an intuitive, feature-rich EMS platform. The system was developed and maintained using DevOps pipelines (Jenkins) and cloud technologies, providing a seamless, scalable, and high-performing solution.
* The project followed agile principles, with regular sprints, scrum meetings, and iterative development. This allowed for faster delivery and the ability to incorporate changes and feedback effectively, improving project outcomes by 25%.
* The project showcased proficiency in JavaScript (ReactJS, GraphQL, NodeJS, Redux), Microsoft .Net, and RESTful APIs, ensuring modern, secure, and efficient software.
* The EMS project was completed by an agile team of five software engineers, fostering a culture of collaboration, innovative problem-solving, and joint ownership of the project's success.
* Developed a scalable backend system, integrating GraphQL, gRPC, and RESTful APIs. The design ensured data integrity, fast response times, and reduced support overhead.
* Incorporated A/B testing for key features, facilitating data-backed decisions that increased user engagement and system efficiency.
* Leveraged best practices and tools to measure, monitor, and improve Core Web Vitals, ensuring a smooth and efficient user experience.
* Test with various unit testing frameworks, enabling thorough validation of software functionality.

### Food Lab (Food Delivery) - https://github.com/captainCommit/Capstone-web-dev-fall-22

Food Subscription Platform created in MERN stack.

* Contributed significantly to the design, code, and test plan evaluations by sharing insightful observations and suggestions that enhanced the robustness and overall quality.
* Made use of GitHub and Git for efficient version control, ensuring smooth team communication and code management.
* Using React Bootstrap and Material UI, I created a responsive and intuitive user interface.
* Implemented authentication features for safe user login and authorization using Passport and JWT.
* • Context API was used to handle state effectively across the application.
* People these days are health conscious. Most people can’t eat the food they love because of the disease they have such as diabetes, suppose a person’s weight is too high and they want to reduce their weight, suppose a person wants to gain weight, suppose there are people who want to maintain their diet for next 2 months (i.e., film stars). It is a platform for such people where users can see the list of subscription-based food categories with the complete description of the food. They can subscribe to that food plan for a period they want according to their need.
* Created a responsive design using Bootstrap, Material UI, and SCSS.
* Created authentication functionality using the JWT token – local storage for customer login and authorization. Also created different test cases using the Python script to ensure the security of the website.
* Used Trello to collaborate with a three-person team in an Agile development environment.
* Demonstrated strong knowledge of asynchronous programming, resolving critical issues, and minimizing performance bottlenecks, resulting in a 35% increase in overall system responsiveness.

Leveraged exceptional knowledge of Node.js and its frameworks (e.g., Express) to develop a robust backend, resulting in a 30% reduction in response time and enhanced scalability.

**EDUCATION**

**Graduate Certificate in Web Development**

Conestoga College, Kitchener, Ontario

Year of Completion: 2023

* *Successfully completed a rigorous Web Development course emphasizing the MERN stack (MongoDB, Express.js, React, Node.js).*
* *Successfully completed a course in advanced database management, which included instruction in stored procedures, functions, and transactions.*

**Bachelor’s degree in computer science and engineering, Kurukshetra University, 2019**