**Gurmanpreet Kaur Grewal**  **Toronto, Ontario**

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**OBJECTIVE**

Skilled professional with **one year** of experience in **web** **development**. Enthusiastic, detail-oriented, highly motivated, hardworking, and knowledgeable individual with a true passion for the software industry. Looking for a **full-time position** as Software Developer or Web Developer where I can use my skills and knowledge for the growth of the company.

**HIGHLIGHT OF SKILLS**

* Hands-on experience with **MERN** **Stack** (**MongoDB**, **Express**, **React**, **Node**).
* Well-developed knowledge of frontend and backend emerging technologies like **React**, **NodeJS**, and **JavaScript (ES6)**.
* Working knowledge of **HTML5**, **CSS3**, **JavaScript**, **jQuery**, **ReactJS**, **NodeJS**, **Php, UI development** and learning **SASS**.
* Understanding of use of **NPM** libraries and **Bootstrap**.
* **RESTful** **APIs** using **Node** at the backend.
* Designing and developing **Responsive and user-friendly** websites while keeping in mind Web Accessibility.
* Debugging using browser developer tools in Chrome, Firefox.
* Calling APIs, extracting data, and testing using **Postman**.
* Proficient in **MySQL** and **MongoDB (Database Management)**.
* Having knowledge of building project using **Php**, **MySQL** database, **PhpMyAdmin**, and using **Apache** on **XAMPP**.
* mobile application development using **Android** native tools.
* Version Control using **GIT** and hands-on experience with **GitHub**.
* Website hosting on **Heroku**, **firebase, GoDaddy**.
* knowledge of **Unit Testing** best practices and tooling by using **Jest, React testing library**.
* Worked with project management/issue tracking tools like **Jira**, **Trello**.
* Knowledge of **AGILE** Software development life cycle (**SDLC**) and participate in daily stand-ups, and **sprint retrospectives**, and complete **two-week sprints**.
* Solid understanding and practical implementation of the fundamentals of programming including **object-oriented** **programming** (**oops**).
* Done few projects with **AngularJS.**
* Developing websites enriched with user experience in terms of performance, security, stability, and quality.
* Understanding of programming base concepts like **loops**, **conditional statements, functions, exception handling**, etc.
* Strong written/spoken communication skills, excellent team player, self-motivated and excited to learn modern technologies.
* Worked with other languages like **Java, Angular.js, Android, C++, C#, ASP.Net, Visual Studio.**
* Developed website in **WordPress** using **WooCommerce**.

**PROFESSIONAL EXPERIENCE**

**WEB DEVELOPER (Punjab Agricultural University, India) October 2019 – August 2020**

* Worked on web application using **ReactJS**, **CSS3**, **JavaScript (ES6)**, and **firebase** for National Agricultural Higher Education Project CAAST-SNRM.
* Designed front-end using **React** (advanced JavaScript library) to display information about CAAST-SNRM project and Soil Science Department.
* Worked on **responsiveness** of website for all devices by using **media queries**.
* Used **bootstrap** (4.4.1) library in connection with **CSS3** for easy and scalable styling of the website.
* Used **JavaScript** and **jQuery** to manipulate UI elements.
* Worked on embedding **iFrame** for google maps.
* Designed a database in **firebase** to store the information.
* Gained experience of using **GitHub** for collaboration and version control.
* Deployment on **GoDaddy.**
* Worked on cross browser compatibility of the website (Chrome, Firefox & Edge).
* Identified and provided efficient suggestions regarding technical issues.
* Followed general debugging techniques to figure out common issues a website may have.

**ASSISTANT PROFESSOR COMPUTER SCIENCE & ENGINEERING**

**(Punjab Technical University, India) August 2016 – October 2019**

* Taught core technical subjects integrated by Punjab Technical University in their syllabus such as
* Programming for Problem-Solving,
* Object-Oriented Programming (C++),
* Data Structure,
* Operating System
* to Indian as well as international students from Uganda, Yemen, Zimbabwe, Gambia, and Sudan.
* By using various teaching aids such as demonstrations, assignments, discussions, and case studies, has taught students in an effective manner.
* Giving assignments to students and assessing their work according to pre decided rubrics.
* Maintaining students’ performance record for continuous evaluation.
* Performed the tasks of maintaining College websites as a web developer along with teaching.

**PROJECTS**

**My Portfolio**

[**https://gurman-portfolio.netlify.app/**](https://gurman-portfolio.netlify.app/)

* Explore about me and my various projects in **ReactJS, NodeJS, MERN Stack, JavaScript**.

**Drapsio (MERN Stack)**

[**http://drapsio.herokuapp.com/**](http://drapsio.herokuapp.com/)

* Developed an e-commerce website using **MERN** Stack and deployed on **Heroku**.
* Designed a responsive frontend using React library to display a list of products to the user.
* Designed a database in **MongoDB** to store information about products, orders, and users.
* Created **REST** **API** with routes to display the data using **Node** and **Express**.
* Implemented authentication to allow users to create accounts and admin to update the inventory with **JSON** web Token (JWT).
* Displayed information about each product with React components consuming the REST API.
* Stripe API is used to process the payment.
* Collaborated as a team using the **AGILE** methodology and **GITHUB** for version control.

**Instagram clone**

[**https://instagram-clone-react-546c6.web.app/**](https://instagram-clone-react-546c6.web.app/)

* Developed Instagram clone using **ReactJS** and **firebase**
* Designed front-end using **ReactJS** to display a list of posts along with comments on posts.
* Designed a database in **firebase** to store information about users’ login details and posts, which users will post in their account.

**ReactFlix – (Netflix Clone)**

[**https://reactflix-41834.web.app/**](https://reactflix-41834.web.app/)

* Developed using React and deployed on **Firebase**.
* Used TMDB API to fetch information about movies and tv series in **JSON** format
* Made API calls using **axios npm** library.
* Used **Flexbox** for elegantly displaying components.
* Play trailer using **npm** libraries like YouTube, MovieTrailer.

**Recipe App**

* Designed in React.
* Used an API to gather different food recipes.
* Search option that allows to fill in any specific keyword for recipe finder.
* Displayed recipes in the form of cards to make them look nicer.

**Baking Bella**

* Developed e-commerce website using **MEAN** Stack (**MongoDB, Express, Angular, Node**).
* Designed front-end using **AngularJS** to display a list of products to the user.
* Designed a database in **MongoDB** to store information about products, orders, and users.
* Created **REST API** with routes to display the data using **Node** and **Express**.
* Displayed information about each product with Angular components consuming the **REST API**.

**Geekillus**

* Developed e-commerce website in WordPress.
* Used Woo Commerce plugin.
* Created plugin and implemented in web application.

**EDUCATION**

**Web Design & Development (High Distinction) - 3.93 GPA May 2020 – August 2021**

*Conestoga Collage, Kitchener, Ontario, Canada*

**Program Highlights**

* Responsive website design
* Web design and development principles
* Database Management
* Frontend and backend development

**Master’s in Computer Science & engineering – 7.89 OCPA Aug 2014** – **Aug 2016**

*Punjab Agricultural University, Punjab, India*

**Program Highlights**

* Practical in object-oriented programming
* Advanced Data Structures
* APIs and Database Designing

**Bachelor’s in Computer Science & engineering – 73.89% July 2008** – **June 2012**

*Punjab Technical University, Punjab, India*

**Program Highlights**

* Object-oriented programming
* Data Structures
* Logic building and problem-solving
* Database management system