

# Gurmanpreet Kaur Grewal

Toronto, Ontario

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## OBJECTIVE

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Skilled Full Stack Developer with one-year hands-on experience designing, developing, and implementing applications and solutions using a range of technologies and programming languages. 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

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- **Web Technologies** – HTML5, CSS3, React, Angular, NodeJS, JavaScript (ES6), ExpressJS.
- **Web Services** – RESTful services.
- **Web Development Stack** – MERN stack, MEAN Stack, WordPress.
- **Databases** – Firebase, MongoDB, MySQL.
- **IDE** – Visual Studio Code.
- **Testing Tools** - Jest, React testing library.
- **Version Control** - GIT.
- **Project management/issue tracking tools** - Jira, ServiceNow.
- **Programming Languages** - Java, C++, C#, ASP.Net.
- **Website Hosting** - Heroku, firebase, GoDaddy, Netlify.
- Extensive experience with **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).
- Developing websites enriched with user experience in terms of performance, security, stability, and quality.
- Strong written/spoken communication skills, excellent team player, self-motivated and excited to learn modern technologies.

## PROFESSIONAL EXPERIENCE

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### WEB DEVELOPER (Punjab Agricultural University, India)

October 2019 – August 2020

- Developed user interfaces using **ReactJS**, **CSS3**, **JavaScript (ES6)**, and **HTML5**.
- Worked on ReactJS Virtual DOM and React Views, rendering functional components, and used `useState/useEffect` hooks.
- Worked on the **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.
- Embedded **iFrame** for google maps.
- Designed a database in **firebase** to store the data and retrieved populate the website.
- Extensively used **GIT** for version controlling and regularly pushed the code to **GitHub**.

- Used **JIRA** as the bug tracking system to track and maintain the history of bugs/issues on everyday basis.
- Deployment and administration of website on **GoDaddy**.
- Worked on cross-browser compatibility of the website (Chrome, Firefox & Edge).

## ASSISTANT PROFESSOR COMPUTER SCIENCE & ENGINEERING

(Punjab Technical University, India)

August 2016 – October 2019

Teaching core technical subjects integrated by Punjab Technical University in their syllabus such as

- Web Application Development,
- Object-Oriented Programming (C++),
- Data Structure,
- Operating System

## PROJECTS

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### My Portfolio

<https://gurman.netlify.app/>

- Front-end designed in **React** using functional components and pass down my own information with react kept in **JSON** file, and then deployed on Netlify.
- This portfolio of mine gives brief about me and my various projects in **ReactJS, NodeJS, MEAN Stack, JavaScript**.

### Drapsio (MERN Stack)

<http://drapsio.herokuapp.com/>

- Developed an e-commerce website using **MERN** Stack and deployed on **Heroku**.
- Designed a responsive **front-end** using **React** library to display a list of products such as curtains, drapes to the user.
- Designed a database in **MongoDB** to store information about those products, orders, and users.
- Created **REST API** with routes to create, update, delete and read the data of products, placed orders, admin panel data as well as user profile data using **Node** and **Express** as server.
- Tested **REST** endpoints using **POSTMAN**.
- **Implemented authentication** to allow users to create accounts and admin to update the product 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 checkout payment stage.
- Followed **AGILE** methodology throughout development work through requirement gathering, design, development, testing, deployment, and review.

### ReactFlix – (Netflix Clone)

<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 this app in React.
- Used EDAMAM API to get different food recipes.
- Fetching data from an api with react.
- useState and useEffect hooks are used.
- Pass down data in **react** with **props**.
- Search option that allows to user fill in any specific keyword for recipe finder.
- Displayed recipes in the form of cards to make them look nicer.

### Baking Bella (MEAN Stack)

- Developed e-commerce website about bakery products using **MEAN Stack (MongoDB, Express, Angular, Node)**.
- Designed front-end using **AngularJS** to display a list of bakery 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**.
- Calling APIs, extracting data, and testing **REST** using **Postman**.
- Displayed information about each product with **Angular components** consuming the **REST API**.

### Geekillus

- Developed e-commerce website in **WordPress**.
- Application designed and developed with **Woo Commerce** plugin.
- Creating custom plugin and implemented in web application.

## EDUCATION

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### Web Design & Development (High Distinction) - 3.93 GPA

*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

*Punjab Agricultural University, Punjab, India*

#### Program Highlights

- Practical in object-oriented programming
- Advanced Data Structures
- Advanced Operating System and programming in Linux.
- Relational Database Designing

**Bachelor's in Computer Science & engineering – 73.89%**

*Punjab Technical University, Punjab, India*

**Program Highlights**

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