

# Harkirat Singh Virdi

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## Education

### Diploma in Computer Programming (CPP)

[Jan 2020 – Aug 2021]

Seneca College, Newnham, Toronto, Canada (GPA – 3.51 / 4.00)

## Technical Skills

**Frontend:** HTML5, CSS3, SCSS/SASS, Tailwind, Less, Material UI, Bootstrap, JavaScript, React, Angular, Redux  
**Backend:** PHP, Node, Express, MySQL, Oracle, MongoDB, Firebase, JWT, Session, Mongoose,  
**Programming Languages:** C, C++, JavaScript, PHP  
**Tools & Software:** Bash, Git, GitHub, GitLab, Figma, NPM, Yarn, Linux, Postman, Heroku, Netlify, Bitbucket  
**Languages:** English (Fluent), French (Intermediate)

## Work Experience

### Frontend Developer (Universal Immigration, Chandigarh, India)

[Jan 2019 – Sept 2019]

- Developed web apps using a JavaScript, jQuery, React, AWS S3 and using company's Content Management System
- Integrated several API's such as Stripe, AWS, PayPal payment in application.
- Collaborate with Senior Developers / Solution Architects, designing components and develop quality websites following standards and ensuring robust unit testing
- Documented technical process steps for completing content migration tasks
- Created RESTful API's using Express, Postman, MongoDB, PostgreSQL
- Developed software using Agile methodology and managed GitHub Repos.

## Projects:

### Portfolio: (<https://harkiratvirdi.ca>)

[June 2021 – July 2021]

- Frontend app made using React Classes, Context API, GSAP, Styled Components.
- Used Context State API to manage theme and language state.
- Email.js is used in contact form and app deployed on Netlify.

### Movie Ecommerce: (<http://mfliXHarkirat.herekuapp.com>)

[Jan 2021 – April 2021]

- Full Stack App developed using Express, Handlebars, JavaScript, GSAP, Stripe Payment API, JIMP, MongoDB, SASS/SCSS.
- Users can register/login and rent or buy movies and series. Purchased orders can be viewed in dashboard by the users.
- Admin account is set up to manage all the movies and series. Local Storage API used to store UI theme.
- Used version control in GitHub for developing and scaling application. Created a RESTful API using postman.
- Used JIMP library to compress the size of the photos and progressively.js to load 4k images after some time.
- Achieved a performance score of 85% for the website using lighthouse extension.
- Used several third-party libraries to create a good User Interface to attract users to buy films. Project deployed on Heroku

### Jewellery Ecommerce: (<https://tiraecommerce.herekuapp.com>)

[Aug 2020 – Oct 2020]

- Full Stack App developed using React Hooks, Redux, MongoDB, PayPal API, React Framer Motion, Express.
- Created a RESTful API using postman for backend. Users can login and buy jewelleryes.
- Used version control in GitHub for developing.
- App was designed in Figma to have a good UI/UX and animations.

### Unsplash Clone: (<https://harkiratunsplashclone.netlify.app>)

[Dec 2021 – Jan 2021]

- Front End App developed using React, Unsplash API, React Masonry. Images are fetched from API.
- Users can search for Images from unsplash.

### Realtor App: (<https://realtorharkirat.netlify.app>)

[June 2021 – July 2021]

- Front End App developed using React, realtor API, geolocation API.
- Users can search for properties all over Canada through the realtor API. App deployed on Netlify.

## Links

**GitHub:** <https://github.com/HarkiratVirdi>

**Portfolio:** <http://harkiratvirdi.ca>