

# Harkirat Singh Virdi

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Status: Permanent Resident

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Portfolio : <https://harkiratvirdi.netlify.app/>

## Work Experience

### Software Engineer (InfoSet Consulting, Toronto, Canada)

[Sept 2021 – Present]

- Worked on an several SASS products using **React, Angular, TypeScript, Redux, C#, .Net, Node, Express, AWS, SQL, MongoDB**.
- Regular interactions and meetings with PM, clients, stakeholders and QA team for feedback and improvements.
- Ensured writing of clean, readable and scalable code through code reviews.
- Implemented solutions using frameworks related to **OAUTH, OpenID Connect, JWT** and **Firebase**.
- Implemented **CI/CD** pipelines with **AWS code pipeline** and **Github actions**.
- Integrated **PowerBI** reports, dashboard in applications.
- Stored and encrypted data in Local Storage, Cookies and session Storage using **WebCrypto**.
- Created and documented **RESTful API's** using technologies **Express, Nest.js, Node.js, .Net Core, Swagger, Redis, Sequelize**.
- Used several 3rd party API's and integrations from **Clio, Intuit, Google, Stripe, PayPal**.
- Writing Test scripts using **jest** for **TDD** for complex algorithms, assuring no bugs on production environment.
- Developed pixel perfect product with good **user interface (UX)** and **user experience (UI)**.
- Developed software using **Agile** methodology and managed GitHub Repos.

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

[Jan 2019 - Aug 2019]

- Developed web apps using a JavaScript, React and using **Strapi** CMS.
- Integrated several API's such as **Stripe, AWS, PayPal payment** in application.
- Designing components and developed pixel percent website using SASS/SCSS.
- Documented technical process steps for completing content migration tasks.
- Improved **SEO** and **accessibility** of the application.

## Technical Skills

**Frontend:** HTML5, CSS3, SCSS/SASS, Tailwind, Webpack, Bootstrap, React, Angular, TypeScript, Redux, Jest, Next  
**Backend And Databases:** Node, Express, Nest, C#, GraphQL, .Net Core, SQL, MongoDB, JWT, Firebase, Postgres, SQLite, Redis, Sequelize  
**Programming Languages:** JavaScript, C#  
**Tools:** AWS, Power BI, Bash, WordPress, Git, GitHub, GitLab, Figma, NPM, Yarn  
**Languages:** English (Fluent), French (Fluent)

## Education

### Diploma in Computer Programming (CPP)

[Jan 2020 – Aug 2021]

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

## Projects:

### React Ecommerce Application: (<https://tira.herokuapp.com>)

[Jan 2021 – April 2021]

- Full Stack App developed using **Express, React, Redux, GSAP, PayPal API, JIMP, MongoDB, SASS/SCSS**.
- Users can register/login and purchase products. Purchased orders can be viewed in order history by the users.
- Admin account is set up to manage all the products. **Local Storage API** used to store products and login info.
- 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 and **accessibility**.

## Certificates

- Amazon Web Services (AWS) Developer Associate (2022): Achieved 79%.
- TEF Canada: Achieved B2 proficiency in French.

## Links

- **GitHub:** <https://github.com/HarkiratVirdi/>
- **Portfolio:** <https://harkiratvirdi.netlify.app/>
- **LinkedIn:** <https://www.linkedin.com/in/harkirat-singh-virdi/>
- **Stack Overflow:** <https://stackoverflow.com/users/12374678/harkirat-singh-virdi>