

# Jenil Vekaria

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## EDUCATION

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### Ryerson University

*Bachelor of Computer Science, B.Sc*

Toronto, ON

Sep 2017 – May 2022

- CGPA: 3.84/4.33
- Relevant Courses: Data Structures/Algorithms, Machine Learning, Software Engineering, Web Development

## TECHNICAL SKILLS

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**Languages:** Java, Python, Kotlin, JavaScript, SQL, JSON, XML

**Frameworks:** React, Node.js, Express.js, HTML, CSS, Bootstrap, Material-UI

**Database:** Oracle DB, MongoDB, Firebase DB

**Tools:** Git, TravisCI, Postman, Visual Studio, Eclipse, Android Studio, JIRA, Bitbucket, Confluence

## WORK EXPERIENCE

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### IT Developer

Jan 2021 – Aug 2021

*Ontario Ministry of Health and Long-Term Care*

Toronto, ON

- **Analyzed** and synced multiple Salesforce development environments daily
- **Utilized** Salesforce technologies (Apex, SOQL/SOSL, JavaScript) to complete user stories for the Case and Contact Management project
- **Collaborated** with QA team daily to resolve any bugs or defects
- **Managed** Vaccine Clinic mailbox to process clinic requests and communicate with all the health units in Ontario
- **Processed 600+ covid vaccine clinic requests** and configured into the COVax system for public booking

### Software Developer

May 2020 – Dec 2020

*ServiceEcho*

Toronto, ON

- **Redesigned** entire Android app UI using Java and XML increasing customer experience
- **Reduced code base by 80%** through implementing View Binding which increased productivity
- **Published** the Android app to the Google Play Store
- **Migrated** legacy Android libraries to latest AndroidX
- **Designed** and developed custom multi-stack navigation resulting in easy navigation for users

## PROJECTS

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### Portfolio Website 📄 | *React, Bootstrap, Sanity*

- Personal portfolio website to showcase my skills, experience, and projects

### Waste Image Classification 📄 | *Python, Keras, Tensorflow, Google Compute Engine*

- Developed **Convolutional Neural Network** for waste image classification and achieved **80% accuracy** through careful hyper-parameter tuning and bias-variance tradeoff
- Experimented with various other model such as **ResNet**, and **EfficientNet**

### Stellar Classification 📄 | *Python, scikit-learn, numpy, pandas*

- Classified galaxies, quasars, and stars based their spectral characteristic using classification techniques like Decision Tree, KNN, SVM, Naïve Bayes, and Neural Network to achieve an **accuracy of 97%**

### Entertainment Movie 📄 | *React, Redux, Node.js, Express.js, MongoDB*

- Movie browsing web app that displays upcoming, popular, latest movies and has favourite feature to allow users to create a watch-list
- Implemented **JWT Authentication** for sign-in/sign-up using Node.js for users to create an account

### Pickup Sports Web App | *React, Redux, Node.js, Express.js, MongoDB*

- A platform to allows users to host sports games at various locations where other players can find nearby games using their postal code and join them
- Implemented JWT Authentication, and used **MapBox API** and **Google Maps API**