

# Yash Dhamija



portfolio



LinkedIn



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## TECHNICAL SKILLS

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- **Frontend:** React, Angular, Typescript, JavaScript, JQuery, HTML/CSS
- **Backend:** Java Spring Boot, Node.js, Express.js, Python, ML, PostgreSQL, MongoDB, REST, HTTP
- **Cloud:** Pivotal Cloud Foundry, AWS EC2, S3, SQS, Lambda, Openshift
- **Software:** SCM, IntelliJ, VS Code, Gradle, Maven, Bamboo, Jenkins, Docker, JIRA, APM, Confluence

## EMPLOYMENT

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### York University Teaching Assistant

Jan 2021 - April 2021

- Teaching assistant for [programming for mobile computing](#)
- Mentored a core of [50+ students](#) for one semester and supervised two practical labs per week
- Technologies used: Java, JUnit, Git, Eclipse, Android Studio

### Royal Bank of Canada Technical Systems Analyst

Sept 2020 – Dec 2020

- Designed the pipeline to support multiple build configurations to achieve [cross-platform consistency](#)
- Built secondary [CD/CI](#) automation pipeline for test processes
- Technologies used: Jenkins, Groovy, Cloud Foundry, Openshift, Maven, Builder Pattern, Singleton

### Caseware International Inc. Software Developer Intern

Jan 2020 – Aug 2020

- Worked on a [full-stack](#) web application, Document Analyzer, in Canadian Distribution team
- Improved user productivity by [17%](#) by successfully designing and implementing a sorting service
- Developed [micro-service](#) communicating user input to external [ML](#) services via [AWS SQS](#)
- Technologies used: Angular, Java spring, Gradle, Mockito, Bamboo, New Relic, AWS, Mongo

### York University Research Assistant

April 2019 - Aug 2019

- Developed the [world's largest bench-marking suite](#) for probabilistic software checking by implementing randomized algorithms and data structures
- Technologies used: Java, JUnit, Java Path Finder, CMurphi, PRISM, Git

## TECHNICAL PROJECTS

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### BookLand | Java, JSTL, Jsp, JAX-RS, JS, SQL, Docker, AWS

A full-stack e-commerce web application for selling books online

### FaceRecognitionApp | React, Node.js, Express.js, Particle.js, PostgreSQL, Bcrypt, Cors

A full stack web app that detects the face of a person in an image, keeping records of users  
[detect-face1.herokuapp.com](#)

### Detect Webcam Objects | Python, OpenCV-Python, Pandas, NumPy, CV2, Bokeh

A python application that detects moving objects in the webcam frame using Machine Learning/computer vision & generates a web based graph showing the timestamps during which the objects were detected

## EDUCATION & ACHIEVEMENTS

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### Bachelor of Science in Computer Science

Graduated April 2021

York University, Toronto [GPA \(8.55 / 9.0\)](#)