Yash Dhamija

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TECHNICAL SKILLS

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

EMPLOYMENT

Royal Bank of Canada   Technical Systems Analyst   Sept 2020 – Present
- Working as **DevOps engineer** in Retail Banking and Payments Technology department
- **Built** secondary automation **CD/CI pipeline** for test processes
- **Redesign** the pipeline to support additional development environments, build and cloud frameworks
- Technologies used: Jenkins, Groovy, Cloud Foundry, Openshift, Maven, Builder Pattern, Singleton

Caseware International Inc.   Software Developer Intern   Jan 2020 – Aug 2020
- Designed and developed features for Document Analyzer, a **full-stack web application**, utilizing **Angular** for UI and **Java spring boot** for server side development
- 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 **Largest bench-marking suite** for probabilistic software checking by implementing randomized algorithmic and data structures
- Technologies used: Java, JUnit, Java Path Finder, CMurphi, PRISM, Git

TECHNICAL PROJECTS

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, Pandas, CV2, Bokeh
A command line app that detects the moving objects in the webcam frame and generates a web based graph showing the timestamps during which the objects were detected

HospitalTriageSystem | Java, JUnit testing
A system to triage patients in a hospital emergency ward based on medical priority and the arrival time

EDUCATION & ACHIEVEMENTS

Honors Bachelor of Science in Computer Science   Expected Dec 2020
York University, Toronto
- **GPA (8.55 / 9.0)**
- Lassonde Undergraduate Research Award (LURA) 2019
- Chair's Honor Roll in Mathematics and Statistics 2016-2017