

Harsh Patel

harshpatel.ca | linkedin.com/in/harshhpaatel | github.com/harshhpaatel

Email : contact@harshpatel.ca

Mobile : +1 (647) 574-8417

EDUCATION

University of Waterloo

Honours, Bachelor of Computer Science Candidate

President's Scholarship of Distinction, DECA Ontario Provincial Officer Scholarship

Waterloo, ON

Sept. 2020 – Present

GPA: 3.99/4.00

EXPERIENCE

Deloitte LLP, Consulting

Systems Engineer, Intern

Toronto, ON

May 2021 – Aug 2021

- Engineered Canada's first machine learning-enabled insurance claims solution by using Angular and implementing a microservice architecture on NodeJS and Express, winning client partnerships worth over \$10 million.
- Developed a real-time saving feature by caching metadata across a CDN, reducing the time to file a claim by 64%.
- Implemented platform security features using authorization tokens, secure routes and, creating multilevel user permission groups which decreased unnecessary traffic by 35%.
- Created Deloitte InsurCloud's usage-based insurance offering through IoT telematics devices which are projected to reduce claims payouts by 20% and reduce premiums by 18%.
- Provisioned and maintained cloud infrastructure for insurance solutions using AWS tools including EC2 Instances, ECS (Docker), S3, Incognito, Elastic Beanstalk, and Codepipelines.

Academia Match

Software Engineer

Toronto, ON

Apr 2021 – Aug 2021

- Spearheaded the transformation for a digital platform using React, increasing user usability satisfaction by 65%.
- Developed a REST API using NodeJS, Express and AWS RDS for key features, serving 90% of application traffic.
- Designed and provisioned a scaleable cloud architecture on AWS with services including EC2 Instances, ECS (Docker), RDS, S3, and Elastic Beanstalk.

Circle Innovation

Full Stack Developer

Toronto, ON

May 2020 – Mar 2021

- Co-led development of the hellocircle.ca website with 500+ monthly views using React and Firebase.
- Designed 8 engaging user interfaces for various company projects which increased web traffic by 110%.
- Developed a dynamic form system integrating Firestore and Google Analytics for analyzing user behaviour.
- Animated, designed, and planned various digital marketing content, increasing social media following by 68%.
- Hosted an international virtual conference with delegates from 20+ institutions from around the world.

PROJECTS

CompCash | *React, Firebase, Firestore, NodeJS, SendGrid API, Clarifai API*

harshpatel.ca/compcash

- Developed a household composting tool with Google OAuth, nested routes, and CRUD functionalities.
- Implemented an AI computer vision feature to automatically detect compostable items using Clarifai API.

URL Shortening Service | *React, NodeJS, Express, MongoDB*

harshpatel.ca/url

- Developed a URL Shortening service using NodeJS with the admin console UI built on React.
- Integrated auto-generated short IDs with optional custom extensions.

Secure Event Livestream Platform | *PHP, MySQL, HTML/CSS*

harshpatel.ca/livestream

- Developed a secure virtual event platform with multi-level user logins and an admin console.
- Designed a streamlined UI and was used for a National Youth Conference by 500+ delegates for BAPS Charities.

TECHNICAL SKILLS

Languages: JavaScript, Python, Java, C, C++, HTML, CSS, SQL, PHP

Technologies and Tools: React, Angular, NodeJS, Express, AWS, GCP, Docker, MongoDB, Firebase, MySQL

Design/Animation: Figma, Photoshop, Illustrator, InDesign, Premiere Pro, After Effects, Audition, Audacity

CERTIFICATIONS

AWS Certified Cloud Practitioner

May 2021