

# Hung Han Chen

647-471-8456

Software Developer

[chenhung@sheridancollege.ca](mailto:chenhung@sheridancollege.ca)

[linkedin.com/in/hunghan-chen](https://www.linkedin.com/in/hunghan-chen)

Oakville, ON

[github.com/hunghanchen](https://github.com/hunghanchen)

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**Motivated and experienced developer with strong problem-solving skills**

## **HIGHLIGHTS OF QUALIFICATIONS**

- Experienced in Spring Framework, Python, Jenkins, ASP.NET, OpenShift, Docker, database design, MySQL, Mainframe, and Restful API through hand-on projects and internship experience
  - Current Software Development and Networking Engineering student with a 3.8/4.0 GPA
  - Deployed SonarQube in OpenShift building Dockerfile and yaml file to configure Toad Database, CPU size and documentation
  - Developed automated Python script which manages to switch different working environments
  - Monitored and analysed applications performance through Grafana, Dynatrace, OpenShift, and Splunk
  - Create automated CI/CD pipeline which set up for bitbucket branch, build automation, and deploy in the Wildfly server using Jenkins
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## **TECHNICAL SKILLS**

**Programing Languages:** Java, Python, Groovy, C# .NET, RESTful API

**Web development:** JavaScript, HTML, CSS, Angular, React, Web Scraping

**Mobile development:** iOS development, Android development

**Database:** MySQL, MongoDB, PostgreSQL, Scala, Flume, Hadoop

**Software and Others:** Linux/Unix, Git, Jenkins, Spring Boot, AWS, Terraform, OpenShift

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## **EDUCATION**

**Advanced Diploma - Software Development and Networking Engineering**

**Sept 2018 – Dec 2021**

Sheridan Institute of Technology and Advanced Learning, Oakville

- Average GPA 3.8/4.0

**Bachelor's Degree: Department of International Business**

**Sept 2009 – Jun 2013**

National Taipei University of Business, Taiwan

- Obtained a 4-month internship in the department of insurance at Fubon Bank
  - Successfully achieved certification as a personal insurance representative
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## **EMPLOYMENT EXPERIENCE**

**DevOps Developer**

**May 2021 – Aug 2021**

RBC, Toronto ON

- Developed and bug fixed Jenkins's pipeline and maintain continuous integration (CI) and Continuous deployment (CD) processes
- Deployed SonarQube in OpenShift building Dockerfile and yaml file to configure Toad Database, CPU size and documentation

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- Developed junit test for REST API and GraphQL projects to achieve team's target coverage.
- Developed new features and fix bugs through Spring Framework.

## Application Developer

Sep 2020 – Dec 2020

CIBC, Toronto ON

- Monitored applications performance using Dynatrace, and Grafana to analyze application's instances e.g. Response time, failure rate, average throughput, etc.
- Analyzed correlates real-time data and diagnose logs and batch file from Unix server to support applications using Splunk, Kibana, OpenShift, and Twilio.
- Developed web application to scrape various banks rates and special offers and compare using Python, BeautifulSoup library, and Selenium
- Explored alternate features and implement new tools in order to be more user-friendly

## Developer

Jan 2020 – Apr 2020

TD Bank, Toronto ON

- Designed and developed automation switch working environment script using Python
  - Create automated CI/CD pipeline which set up for bitbucket branch, build automation, and deploy in the Wildfly server using Jenkins.
  - Worked on mainframe with credit team modify programs and JCL to generate standard mortgage reports
  - Used AngularJS services to integrate with RESTful APIs calls to Java backend, and web design
  - Developed new of existing features and fix bugs through Java, and PostgreSQL
  - Involved in Agile/SCRUM process, participate daily meeting and work on tasks in sprints
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## PROJECT WORK

- **Personal Airport Navigator** (<https://github.com/hunghanchen/Aero-Trace.git>)
  - Applied Angular, Django, Restful API, Cloud SQL, and python into personal airplane tracker and presented as web application
  - Fetch data through Toronto Pearson website API, user can input flight information include destination, transport location, and anything connected to flight information, application will response simultaneously and save to user account which include Google, and Facebook authentication
  - Show the airport features for users can spend time around the airport and have reviews function for users can take reference or comment
- **Medication monitoring for caretaker and reminder for patients** - Ongoing
  - Applied Android Java, Swagger, mongo dB and .Net into Medication monitor and presented as web application and mobile application
  - Build and encrypt swagger RESTful API for our mobile and web application access to our database.
  - Mobile application will trigger notification whenever they need to take medication.
  - Web application will monitor when their patient took medication and medication information.