

Nishchint Dhawan

nishchintdhawan.vercel.app | nishchint34@gmail.com |
[linkedin.com/nishchint-dhawan](https://www.linkedin.com/in/nishchint-dhawan) | github.com/NishchintDhawan

PROFILE SUMMARY

Results-driven Full Stack Developer with 3+ years of experience specializing in React, TypeScript, Flask, Java, C#, and PostgreSQL. Expert in building and optimizing scalable applications, with hands-on experience in cloud integration using AWS and Azure to enhance performance and streamline workflows.

EXPERIENCE

Software Engineer

Jan 2023 - Apr 2024

Tradable Bits

Vancouver, BC

- Orchestrated the development of an access control tool for MLSE, streamlining pass management for 300K+ fans during Toronto Maple Leafs playoff games, enhancing operational efficiency.
- Developed a PostgreSQL data model tool to resolve patch conflicts, reducing merge times by 50%, enabling smoother deployments.
- Executed an image optimization strategy for over 1M assets using AWS S3, achieving a 30% reduction in storage costs and strengthening data security.
- Strengthened an email management tool's performance by 70% through SQL optimizations and lazy loading, elevating user satisfaction and productivity.
- Skills: Python, Flask, PostgreSQL, REST APIs, Docker, OAuth 2.0, AWS S3, Redis, pytest

Software Developer

Jan. 2022 – Dec 2022

ACD Systems International Inc.

Victoria, BC

- Integrated Azure Active Directory for secure OAuth 2.0 social login, increasing daily active users by 15%.
- Resolved critical LAMP stack email system bugs, enabling marketing campaigns to reach 1M+ users bi-weekly.
- Secured 50K+ downloads by migrating links to AWS S3 with pre-signed URLs, enhancing user trust and system integrity.
- Skills: React, MySQL, PHP, Azure AD, OAuth 2.0, AWS S3, Symfony

Software Developer

Jan 2019 – Aug 2019

National Research Council of Canada

Victoria, BC

- Implemented GDPR compliance for Canadian Astronomy Data Centre, protecting data for 10,000+ astronomers.
- Boosted VR app frame rates from 20 FPS to 60 FPS, improving 3x usability for Virtual Visitor Centre.
- Automated 10+ test cases using Selenium and JUnit, increasing test coverage and system reliability.
- Skills: C#, Java, Unity3D, JUnit, Selenium, EasyMock

PROJECTS

Jumpstart | *React, TypeScript, Firebase*

- Designed and developed an idea generation platform leveraging Open AI's LLM via API.
- Enabled users to outline actionable project steps and customize them for personalized workflows.
- Won 1st place in UVic Engineering Competition Summer 2022.

Ryden | *React Native, TypeScript, Stripe API, Nest.js, PostgreSQL*

- Designed and developed a ride-sharing mobile app allowing users to book, review and create rides.
- Integrated a CI/CD pipeline using GitHub Actions, automating deployments for a faster testing process, and used Stripe API to implement payments module.

Froogle (devpost.com/software/froogle) | *NodeJS, Standard Library*

- Created a SMS based mobile search engine in a team of 4 people as the submission for nwHacks 2020 and placed 16/145 winning the Wolfram Award.

EDUCATION

University of Victoria

Sept 2017 – Apr 2024

Bachelor of Software Engineering (GPA: 7.09/9.00)

Victoria, BC

TECHNICAL SKILLS

Languages: Python, TypeScript, JavaScript, Java, C, C#, PHP, HTML/CSS

Frameworks: React, React Native, Node.js, Flask, Symfony, PostgreSQL, MySQL, JUnit, Selenium

Databases: PostgreSQL, MySQL, Firebase

Software: Linux, Git, AWS, Azure AD, Jira, Figma, Postman, Heroku