

# Allen Li

778-896-8628 | [allenli9417@gmail.com](mailto:allenli9417@gmail.com) | [linkedin.com/in/allen-li-5667b8248](https://www.linkedin.com/in/allen-li-5667b8248) | [github.com/Allenli33](https://github.com/Allenli33)

## EDUCATION

### British Columbia Institute of Technology

*Computer Information Technology Diploma (CIT) GPA: 86/100*

Vancouver, BC

*Jan 2022 – Dec 2023*

### Kwantlen Polytechnic University

*General Studies*

Vancouver, BC

*Sep. 2017 – Sep 2019*

## TECHNICAL SKILLS

**Languages:** Python, JavaScript, HTML/CSS, SQL, Bash, R

**Frameworks/Libraries:** Flask, React, NextJS, Node.js, pandas, NumPy

**Tools & Platforms:** Docker, Kubernetes, Git, Postman, Apache-jmeter, Terraform, Ansible, Cloud Computing (AWS, Azure, Google Cloud), sonarqube Kafka, MongoDB, MySQL, Nginx, Linux

**DevOps & CI/CD:** Jenkins, GitLab-CI, emphasizing CI/CD practices for streamlined deployment processes

## PROJECTS

### Personal Web Portfolio | *React, Next.js, Tailwind CSS*

Recent Project

- Developed a comprehensive portfolio website, showcasing projects, skills, and educational background.
- Utilized React and Next.js for efficient client-side rendering and seamless page transitions.
- Integrated Tailwind CSS for responsive and aesthetically pleasing design.
- Implemented dynamic content rendering using React hooks to manage state transitions and UI updates.
- Featured sections include detailed project descriptions, a downloadable resume, and contact information, accessible at [allenli-portfolio.com](https://allenli-portfolio.com).

### Library Microservices | *Python, Flask, Kafka, Docker, MySQL, Nginx*

Sep 2023 – Dec 2023

- Architected a distributed library management system, optimizing for scalability and resilience.
- Facilitated inter-service communication via Kafka, ensuring robust data exchange and system integrity.
- Leveraged Docker for containerization, achieving consistent deployments and isolated environments.

### Network Provisioning with Terraform and Ansible | *Terraform, Ansible, AWS*

Sep 2023 – Dec 2023

- Orchestrated a cloud-based infrastructure on AWS, utilizing Terraform for infrastructure as code practices.
- Automated configuration and deployment of EC2 instances and network resources with Ansible, enhancing operational efficiency.

### Flappy Patrick | *Python, Pygame, Flask*

Sep 2022 – Dec 2022

- Engineered a Flappy Bird clone, enhancing gameplay with real-time scoring and dynamic obstacles.
- Devised APIs for game state management and score tracking, employing Flask for server-side logic.
- Implemented JSON for efficient data serialization and storage, optimizing game performance.