

# Rushil Singh

✉ [rushilsingh@gmail.com](mailto:rushilsingh@gmail.com) • [🌐 rushilsingh.dev](https://github.com/rushilsingh) • [in rushilsingh](https://www.linkedin.com/in/rushilsingh)

## Skills

---

**Programming Languages:** Python, JavaScript, Dart

**Frameworks:** Node.js, Express.js, Scrapy, Pytest, Flask, Flutter

**Data Engineering:** AWS Glue, AWS Athena, PySpark, ETL, Data Lakes,

**Cloud Technologies:** AWS

**Tools:** Docker, Unix Shell, Jenkins, Github Actions, Bitbucket Pipelines

## Professional Summary

---

With over seven years of experience, I am a proficient and versatile software engineer, having worked on end-to-end software solutions across platforms and technology stacks. My work ethic, adherence to best practices, and commitment to lifelong learning have consistently resulted in the successful delivery of top-notch projects.

## Experience

---

### Synamedia

Senior Software Engineer

Remote

January 2024–Present

- Developing and maintaining cloud infrastructure and backend components for creating and managing recordings for various web, mobile and set-top box video applications.
- Leading and mentoring developers; organising Agile development workflows.

### Synamedia

Software Engineer

Bengaluru, India

February 2020–December 2023

- Led the development of a cross-platform dynamic ad insertion solution for video applications.
- Built an entity and configuration management portal for company products, leading to efficient and smooth product operation.
- Contributed to developing an innovative SaaS solution to detect and disrupt piracy in open and closed networks.
- Designed and implemented data processing pipelines in AWS.

### Volen Software Services Pvt. Ltd

Software Engineer

Bengaluru, India

September 2019–February 2020

- Played a pivotal role in developing an anti-piracy solution for Synamedia, a leading provider of video infrastructure solutions
- Offered a full-time role at Synamedia due to outstanding performance and ability to deliver top-tier solutions

### ACL Digital

Software Engineer

Bengaluru, India

May 2017–July 2019

- Contributed to developing a product for the orchestration of network devices and virtual appliances.
- Developed Resource Adapters to communicate with devices on the south-bound interface using device-specific protocols and converted retrieved data to JSON for use by other north-bound REST applications

**The University of British Columbia**

*Teaching Assistant*

**Vancouver, Canada**

*January 2013–April 2013*

- Acquired experience in course administration, curriculum development, and student mentorship.
- Acted as a bridge between students and the professor, facilitating feedback, problem-solving, and efficient course management.
- Crafted laboratory tasks, supervised lab sessions, maintained and moderated the course website, and assessed lab reports and exams.

## Education

---

**The University of British Columbia**

*Bachelor of Science (B.Sc.) in Cognitive Systems, Computational Intelligence and Design*

**Vancouver, Canada**

*November 2016*

Awards & Honors: President's Entrance Scholarship.

Extracurricular Activities: Industry Relations Officer, Cognitive Systems Society.