

RUSHIL SINGH

CONTACT



rushilsingh@gmail.com

SKILLS

- Programming Languages: Python, JavaScript, Dart
- Cross-platform Applications: Flutter
- Backend: Node.js, Express.js, Django
- Frontend: React.js, Flutter
- Data Engineering: ETL processes, Data Lakes, PySpark
- Cloud Technologies: AWS
- DevOps: Docker, Jenkins, Github Actions, Bitbucket Pipelines

PROFESSIONAL SUMMARY

With over six years of experience in software development, spanning cross-platform app development, full-stack web application development, and data engineering, I'm committed to delivering high-quality projects.

I am seeking a challenging role where I can leverage this diverse skill set, contribute to innovative solutions, and continue my growth in the dynamic world of software development.

EXPERIENCE

January 2024 - Present

Senior Software Engineer

Synamedia

- Spearheaded the development of a cross-platform addressable advertising solution that can perform dynamic ad insertion and related functions in a standardized and modularized manner, and be utilized across platforms such as Android, iOS, Web and Smart TVs with a single (Flutter) code base, and be plugged into any OTT application with minimal integration effort.
- Managed and mentored a team of engineers as the Scrum Master and a senior engineer on the team.

February 2020 - December 2023

Software Engineer

Synamedia

- Contributed to the development of an innovative SaaS solution to detect and disrupt piracy in open and closed networks.
- Designed and implemented data engineering pipelines, leveraging various technologies for efficient processing.
- Utilized Python for writing backend code, developing AWS Lambda functions, and building ETL jobs for data processing.
- Built an entity and configuration management portal (single page application using MERN stack) for a company product, leading to efficient and smooth product operation.

September 2019 - February 2020

Software Engineer

Volen Software Services Pvt. Ltd

- Played a pivotal role in developing an anti-piracy solution for Synamedia, a leading provider of video infrastructure solutions.
- Focused on Python-based frameworks to develop high-quality, client-oriented software solutions.

- Offered a full-time role at Synamedia due to outstanding performance and ability to deliver top-tier solutions, further advancing career in the software engineering field.

May 2017 - July 2019

Software Engineer

ACL Digital

- Managed orchestration of network devices, appliances, and virtual appliances in the SDN and NFV space.
- 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.

January 2013 - April 2013

Teaching Assistant

The University of British Columbia

- Acquired experience in course administration, curriculum development, and student mentorship as a Teaching Assistant for a core course in Cognitive Systems (COGS 300).
- 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

November 2016

Bachelor of Science (B.Sc.) in Cognitive Systems

The University of British Columbia, Vancouver

Awards & Honors

- President's Entrance Scholarship

Extracurricular Activities

- Industry Relations Officer, Cognitive Systems Society

LINKS

Website: <https://rushilsingh.dev>

LinkedIn: <https://www.linkedin.com/in/rushilsingh/>