

## Contact

rushilsingh@gmail.com

www.linkedin.com/in/rushilsingh  
(LinkedIn)

rushilsingh.dev (Personal)

## Top Skills

Python

Amazon Web Services (AWS)

JavaScript

## Languages

English (Native or Bilingual)

Hindi (Native or Bilingual)

Punjabi (Native or Bilingual)

## Honors-Awards

President's Entrance Scholarship

## Publications

Dating Profile Age Analysis – a  
Supervised Learning Application

# Rushil Singh

Software Engineer | Python | JavaScript | Full-Stack Development |  
Cloud-Based Solutions

India

## Summary

With over six years of experience, I am a proficient software engineer specializing in Python-driven AWS data engineering pipelines, full-stack application development utilizing JavaScript frameworks, and cross-platform app creation with Flutter. My expertise in serverless architectures, adherence to clean coding principles, and commitment to lifelong learning have consistently resulted in the successful delivery of top-notch projects.

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## Experience

### Synamedia

Software Engineer

February 2020 - Present (3 years 3 months)

Bengaluru Area, India

- Spearheaded the development of innovative anti-piracy and addressable advertising solutions as a Software Engineer at Synamedia.
- Specialized in designing and implementing data engineering pipelines in AWS, leveraging various technologies for efficient processing.
- Utilized Python for writing backend code, developing AWS Lambda functions, and building ETL jobs for data processing in AWS.
- Expertise in building robust full-stack applications utilizing the MERN stack (MongoDB, Express, React, and Node.js).
- Successfully consolidated disparate code bases into a single, unified solution by employing Flutter for cross-platform application development, significantly reducing redundant efforts and streamlining the development process.

### Volen Software Services Pvt. Ltd.,

Software Engineer

September 2019 - February 2020 (6 months)

Bengaluru Area, India

- Played a pivotal role in developing an anti-piracy solution for Synamedia, a leading provider of video infrastructure solutions, while working as a Software Engineer at Volen Software Services

- 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

## ACL Digital

### Software Engineer

May 2017 - June 2019 (2 years 2 months)

Bengaluru Area, India

- 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

## The University of British Columbia

### Teaching Assistant

January 2013 - April 2013 (4 months)

Vancouver, Canada Area

- Acquired experience in course administration, curriculum development, and student mentorship as a Teaching Assistant for the Cognitive Systems course (COGS 300) at The University of British Columbia
- 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

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## Education

### The University of British Columbia

Bachelor of Science (BSc), Cognitive Systems · (2016)

### The Doon School

Indian School Certificate (ISC), Physics, Chemistry, Mathematics, Computer Science, English