

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.

Experience

Synamedia

Software Engineer

February 2020 - Present (3 years 3 months)

Bengaluru Area, India

As a Software Engineer at Synamedia, my primary focus has been on developing anti-piracy and addressable advertising solutions. I have been instrumental in creating these solutions using Python-driven AWS data engineering pipelines and full-stack app development with JavaScript frameworks. I take pride in delivering top-notch software solutions that meet deadlines and adhere to specifications.

Recently, I have honed my skills in creating addressable advertising solutions using Flutter, a versatile cross-platform app development framework. This specialization has empowered me to effectively build and deploy applications across multiple platforms, contributing to significant enhancements in a key project.

Throughout my tenure at Synamedia, I have leveraged my technical expertise and collaborative skills to develop innovative solutions that address pressing challenges in the anti-piracy and addressable advertising space. As a dedicated developer, I am committed to clean coding practices and continuous learning, which has consistently led to the successful completion of high-quality projects.

Volen Software Services Pvt. Ltd.,
Software Engineer
September 2019 - February 2020 (6 months)
Bengaluru Area, India

As a Software Engineer at Volen Software Services, I gained valuable experience working on a critical anti-piracy project for Synamedia, a leading provider of video infrastructure solutions. While at Volen, I specialized in Python-based frameworks and honed my skills in client-oriented software development.

During my tenure at Volen, I successfully tackled unique challenges in the project, such as implementing advanced security features and optimizing performance for the anti-piracy solution. My ability to adapt to changing requirements and work efficiently under tight deadlines earned me recognition in the company.

My exceptional performance and dedication to delivering high-quality solutions at Volen Software Services led to an offer for a full-time role at Synamedia. This opportunity allowed me to further expand my technical expertise and take on more complex projects, contributing to my growth as a software engineer in the industry.

ACL Digital
Software Engineer
May 2017 - June 2019 (2 years 2 months)
Bengaluru Area, India

As a Software Engineer at Alten Calsoft Labs, I acquired experience in developing solutions for orchestrating network devices, appliances, and virtual appliances within the Software-Defined Networking (SDN) and Network Functions Virtualization (NFV) domains.

In this capacity, I utilized my technical proficiency in software development and networking to create innovative solutions tailored to client requirements. Collaborating effectively, I ensured timely delivery of solutions that adhered to project specifications.

My commitment to clean coding practices and continuous learning enabled me to produce high-quality software that tackled intricate challenges in the SDN and NFV fields. This experience solidified my foundation in software engineering and paved the way for continued success in the industry.

The University of British Columbia
Teaching Assistant
January 2013 - April 2013 (4 months)
Vancouver, Canada Area

As a Teaching Assistant for the Cognitive Systems course (COGS 300) at The University of British Columbia, I acquired invaluable experience in course administration, curriculum development, and student mentorship.

In this capacity, I acted as a bridge between students and the professor, facilitating feedback, problem-solving, and efficient course management. I crafted laboratory tasks, supervised lab sessions, maintained and moderated the course website, and assessed lab reports and exams.

My unwavering commitment to delivering high-quality educational experiences contributed to the course's success, while my ability to collaborate effectively with the professor and fellow Teaching Assistants fostered a positive learning atmosphere for all participants.

In summary, my tenure as a Teaching Assistant at The University of British Columbia enabled me to cultivate essential teaching and mentorship skills, which have proven invaluable in my subsequent roles within the software engineering sector.

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