

Shefali Upadhyaya

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github.com/Shefali-Upadhyaya | salesforce.com/trailblazer/shefaliupadhyaya | scholar.google.co.in/citations?user=XPTvKa8AAAAJ

Summary

Recent Software Engineering graduate with 3+ years of experience in developing and maintaining high-quality software using Java. Skilled in collaborating in Agile environments and delivering scalable solutions. Adept at optimizing performance and solving complex problems.

Skills

Languages, Frameworks & Databases: Java, Python, Spring Boot, Selenium, SQL, PySpark

Development & Methodologies: Agile, Scrum, SDLC, Wireframing, Design Thinking, SaaS

Cloud & DevOps: Git, Jenkins, GitHub, Maven, AWS S3, Microservices, REST APIs, CI/CD, Salesforce

Other Tools & Skills: JIRA, Confluence, Problem-Solving, Self-Starter, Team Player, Documentation

Education

Master of Engineering in Software Engineering | Concordia University, Montreal, Canada **Sep 2022 – May 2024**

GPA: 3.95 | Programming & Problem Solving, Software Engineering Process, Software Design, Big Data Analytics

Bachelor of Technology in Computer Science | Guru Gobind Singh Indraprastha University, Delhi, India **Aug 2014 – May 2018**

Percentage: 87 | Data Structures & Algorithms, Software Engineering, OOPs, Database Management Systems

Work Experience

Teaching Assistant | Concordia University, Montreal, Canada **Sep 2023 – Dec 2023**

- Led Programming & Problem-Solving lab sessions in Java, guiding 15+ students on concepts and techniques.

Developer Co-op | CGI, Toronto, Canada

May 2023 – Aug 2023

- Implemented APIs and automated CI/CD pipelines using Jenkins, contributing to financial system components while ensuring adherence to coding standards and best practices, **resulting in a 15% reduction in code-related errors**.
- Collaborated with cross-functional teams to optimize and manage development processes.

Software Engineer II | QA InfoTech (now Qualitest), Noida, India

Jun 2018 – Dec 2021

- Delivered on 4 projects, translating client needs into technical solutions, **enhancing business efficiency by 25%**.
- Developed and maintained 100+ test automation scripts and 20+ Jenkins jobs, improving CI/CD pipeline efficiency.
- Streamlined 2 Automation Frameworks for Salesforce Classic and Lightning Experience platforms, resulting in a **20% increase in team productivity**.
- Achieved a **36% reduction in execution time through strategic optimization** of regression tests.
- Conducted 3 POCs for frameworks compatibility, demonstrating strong communication skills, enhancing client satisfaction & **accelerating decision-making by 30%**.
- Automated data processing tasks through 10+ scripts, **reducing clients' manual effort by 20%**.
- Collaborated with global teams to design and deliver technology solutions, **enhancing client experience by 20%**.
- Mentored 5 junior team members, and collaborated in an agile environment to ensure timely delivery.

Android App Developer | Prayaas Corps, Delhi, India

Jun 2017 – Aug 2017

- Developed an Android app using Java and Android SDK, increasing awareness of Prayaas Corps' educational initiatives and reaching over 10,000 users in underprivileged communities.

Certifications

Salesforce Certified Platform App Builder | Salesforce

Sep 2023

Salesforce Certified Administrator | Salesforce

Dec 2021

NASSCOM Certified Software Developer | NASSCOM

Jan 2018

Publications

- Published an article on "Boundary Outlier Centroid Based Reduced Overlapping Image Segmentation" in the Journal of Engineering Science & Technology Review, 11(5) (2018).
- Published an article on "Proficient normalized fuzzy K-means with initial centroids methodology" in the International Journal of Knowledge Discovery in Bioinformatics (IJKDB), 8(1), 42-59 (2018).

Achievements

- Academic Excellence Award** throughout B. Tech. (2014-2018).
- Secured **11th Rank in Sapient Triathlon** (2018) competition by dare2compete.com.
- Secured rank in **top 25% candidates in TCS Codevita** (2017).
- Secured **8th position in Smart India Hackathon** (2017) in Kerala, India.