



# Shreya Sood

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## Summary:

- I am Passionate Software Developer having almost 5 years of experience.
- Currently I am working at GlobalLogic, A Hitachi Group Company, Pune as Senior Software Engineer.
- Specialized in capitalized development and holding experience in migrating legacy applications to the AWS Cloud using aws-cdk. Done certifications to be updated with industry trends.
- Working with AWS Cloud Infrastructure Services for almost 3 years, following Agile Development. We ensure fault tolerance, high availability, scalability, and security of our AWS-based solutions.
- Be responsible for Automating System Configurations using Configuration Management Tools
- Enable application development by coordinating requirements, schedules, and activities.
- Address issues promptly, responding positively to setbacks and challenges with a mindset of continuous improvement.
- Good understanding of Advance JavaScript, Typescript and NodeJS Express Js, Angular, HTML and CSS.
- Good knowledge of coding, code review and debugging, testing.
- Actively contributing to Architecture Designs, Research & Development, and Flow diagrams.
- Having beginner level knowledge in Java 8, Microservices, and Spring Boot.

## Experience:



### Senior Software Engineer, GlobalLogic

**Project:** On-Premises to AWS Data Migration Tool

**Jan 2022 – Present**

Technology & Tools - Typescript, NodeJS, AWS, Git, VS Code, HTML and CSS

#### Summary:

- Developed a tool to facilitate customer data migration from on-premises to AWS cloud.
- Designed and implemented the infrastructure using AWS CodePipeline, AWS CodeBuild, and AWS DataSync with S3 buckets for data storage and transfer.
- Set up AWS EventBridge Rules to trigger notifications from CodeBuild and DataSync, ensuring real-time status updates.
- Integrated notifications to be sent directly to a Microsoft Teams channel, improving communication and visibility.
- Worked on the front-end user interface, developing components using HTML and CSS for a seamless user experience.



### Senior Software Engineer, LTIMindtree

**Project:** Payroll (Middleware)

**Jan 2022 – Jan 2024**

Technology & Tools - Typescript, NodeJS, AWS, Git, VS Code, ExpressJS.

#### Summary:

- Created a new application from scratch for running payroll tasks where Authorized users can manually execute tasks through User Interface (UI), and a daily job is triggered automatically via CloudWatch. Implemented email notifications upon successful completion, including time duration details for each task.
- Developed a feature using AWS Lambda and its temporal storage. This feature downloads handlebar templates to generate JSON files filled with information, which are then saved in an S3 bucket. The backend collects data from different sources of truth and processes it, generating output files in S3

bucket which are then send to third party for further evaluation.

- Utilized AWS custom resource creation to trigger Lambdas immediately upon file generation in the S3 bucket. Made files in the S3 bucket available to users through CloudFront URLs.
- Leveraged additional AWS services, including IAM, KMS, and AWS CloudFront, to support various project requirements.
- Worked extensively with various features of Step Functions, such as dynamic parallel processing, error handling, and static parallel processing.
- Created an AWS Dynamo DB database for efficient storage, updates, and retrieval of data. Implemented global security indexes for enhanced data access control.
- Implemented a new APIs endpoint on AWS API Gateway, enabling seamless integration and communication with the application.
- Wrote unit test cases using JUnit to ensure the reliability and correctness of the developed features. Worked in pair programming for more accuracy. Deployment procedure.



## Junior Developer, Infosys

**Project:** NAB Onboarding System

Nov 2019 - Dec 2021

Technology & Tools - Java 11, Hibernate ORM, Spring Boot, GitHub, IntelliJ

### Summary:

- Developed an online platform for tracking leaves taken by employees with clients and within the organization. The platform allowed employees to enter their leave details, including the type of leave, duration, and reason for the leave.
- Implemented different levels of privileges for employees, including admin, manager, and user roles. Each role had specific access rights and permissions to view and perform tasks related to leaves.

## Education:



### Panjab University

French Diploma, French as a Second or Foreign Language

2017 - 2019



### UIET Panjab University

Bachelor of Engineering, Biotechnology

2015 - 2019

## Licenses & Certifications:



### AWS Certified Cloud Practitioner - Amazon Web Services (AWS)

Issued Jan 2023 - Expires Jan 2026



### AWS Certified Developer – Associate - Amazon Web Services (AWS)

Issued Mar 2023 - Expires Mar 2026

## Skills:

Node.js      JavaScript      TypeScript      Cloud AWS      Amazon Web Services (AWS)      SQL  
Agile Methodology      Presentation Skills      Design Patterns      swagger      REST

## Honors & Awards:



### SpotOnAward - LTIMindtree

Mar 2023

For expert thinking and delivering within tight deadlines



### Rise Insta Award - Infosys

Jun 2020

Awarded with Infy Rise Awards for reskilling and helping team mates to get reskilled.

