

# Sajal Devnath

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## EDUCATION

### LOVELY PROFESSIONAL UNIVERSITY

BTECH. COMPUTER SCIENCE AND ENGINEERING

2020 - 2023 | Punjab, IN

GPA: 7.8/10

### KINGSTON EDUCATIONAL INSTITUTE

DIPLOMA IN COMPUTER SCIENCE AND TECHNOLOGY

2017 - 2020 | Kolkata, IN

GPA: 8.3/10

## EXPERIENCE

### NIMESA | CLOUD SOLUTION ENGINEER INTERN

10/2024 – Present | Bengaluru, IN

- Developed **Python** scripts to replicate **AWS SSM Parameter Store** data across environments for **secure password replication**, **SQS messages**, **Elastic Beanstalk environment variables**, **S3 configuration data**, **EC2 key pairs**, **RDS credentials**, and **secure API keys**.
- Automated cloud infrastructure provisioning using **AWS CloudFormation (YAML)** for backup, replication, and failover workflows in **disaster recovery** environments.
- Built and managed **IaC-based infrastructure** using **Terraform**, enabling consistent and repeatable architecture setups for internal environments.
- Researched and documented **AWS MSK Connector implementation (Custom Kafka plugin)** for **streaming data integration in distributed systems**.
- Authored internal technical documentation and led knowledge transfer sessions to streamline onboarding and support operational continuity.
- Maintained and updated the POC readiness matrix for cloud environments, improving coordination and visibility for deployment and testing schedules.
- Consolidated platform enhancement feedback into structured technical reports to support continuous improvement and roadmap planning.

## PROJECTS

### BLOG APPLICATION [🔗](#) | JAVA, SPRING BOOT, JWT, AWS CLOUD

Jul 2024

- Built the application using **Java 17+**, **Spring Boot**, **Spring Security**, and **Spring Data JPA**, with **MySQL** as the database and deployment on **AWS Cloud**.
- Developed and documented **REST APIs** using **SpringDoc**, tested them with **Postman**, and deployed on an embedded Tomcat server.
- Utilized **Maven** as the build tool and implemented **JWT** for secure authentication and authorization.

### EXPENSE TRACKER [🔗](#) | ASP.NET CORE, SSMS, SYNCFUSION

COMPONENTS

Jul 2023

- Developed a dashboard to provide an overview of expenses, including charts, summaries, and a transaction history with filtering options by date or category.
- Implemented reports and analytics features, enabling users to generate detailed reports and visualize expense patterns using interactive charts and graphs.

## SKILLS

### PROGRAMMING & SCRIPTING

Java • MySQL • Python • Bash

### CLOUD & DEVOPS

AWS • Terraform • Jenkins • Docker • Kubernetes • Helm • CI/CD • Linux • System Administration

### INFRASTRUCTURE & VERSION CONTROL

Git • GitHub

### TOOLS & PLATFORMS

Salesforce • MS Office

## CERTIFICATES

2025 Kubernetes Lab for Beginners [🔗](#)

2024 AWS Cloud Practitioner [🔗](#)

2024 AWS Cloud Quest [🔗](#)

2022 Java [🔗](#)

## COURSEWORK

Data Structures and Algorithms

Object-Oriented Programming

Cloud Computing

System Design

Database Management Systems

Software Engineering Principles

Software Development Life Cycle (SDLC)

## HOBBIES

Photography

Videography

Video Games