Subham Sarkar

DOB - 6 Jul, 1998
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EDUCATION

ACHARYA INSTITUTES
B.E. in Information Science and Engineering
Grad. Aug 2020 | CGPA: 7.53

D.A.V. SCHOOL
PCM with Computer Science
Class 12th | C.B.S.E.
Grad. May 2016 | Cum. Per: 75.40%

MAHBERT HIGH SCHOOL
Class 10th | I.C.S.E.
Grad. May 2014 | Cum. Per: 75.60%

COURSEWORK

UNDERGRADUATE

Object Oriented Programming
Analysis and Design of Algorithms
Introduction to Programming
Data Structures
R-DBMS
Operating Systems
Computer Networks

SKILLS

PROGRAMMING

Languages:

- Advance: Python
- Intermediate: C, Java, Shell Scripting
- Novice: Type Script

Tools & Technologies:

- AWS Cloud Formation
- AWS Cloud Watch
- SQL
- Jenkins
- Git
- Snowflake
- Ansible
- Docker
- Kubernetes
- Linux
- Windows

EXPERIENCE

DATAGROKR | Software Engineer
Aug 2020 - Present | Bangalore

- Established best practices for configuring and managing infrastructure using Ansible.
- Utilized AWS CloudFormation as an infrastructure as code tool to implement the strategies. Obtained an understanding of how the three-tier architecture of AWS works.
- Worked with the Cloud Architecture team and Compliance team to manage various development and deployment strategies on AWS.
- Built deployment, build scripts and automated solutions using shell scripting and Python.
- Collaborated closely with teams to ensure high quality and timely delivery of builds and releases.

DATAGROKR | Software Engineering Intern
Feb 2020 – Jul 2020 | Bangalore

- Worked on the Data Engineering team and Cloud Architecture team where I gained experience in database and data warehousing using Snowflake and Microsoft SQL Server and in ETL solutions platforms.
- Got database and data warehousing experience using Snowflake and Microsoft SQL Server and ETL solution platform.
- Experience with infrastructure as code (IAC) using CloudFormation for automating the creation, updating and deletion of resources in cloud environment.

CERTIFICATES

Credly Badges: www.credly.com/users/subham-sarkar.a82f2565/badges

- Microsoft Certified: Azure Fundamentals — Nov 2022
- Microsoft Certified: Security, Compliance, and Identity Fundamentals — Dec 2022
- AWS Partner: SAP on AWS (Technical) — May 2022
- AWS Partner: Cloud Economics Accreditation — Nov 2021
- AWS Partner: Accreditation (Business) — Dec 2021
- AWS Partner: Accreditation (Technical) — Aug 2021
- NPTEL: Introduction to Cloud Computing by Prof. Soumya Kanti Ghosh (IIT Kharagpur) — Oct 2019

PROJECT(S)

AWS-Three-Tier-Architecture
Github: https://github.com/Subham-sarkar/AWS-Three-Tier-Architecture
Blog: https://tldrthis.hashnode.dev/aws-three-tier-architecture

- Created a Three-Tier Architecture on AWS Cloud using CloudFormation, including Nginx, Tomcat and PostgreSQL with necessary security and networking configurations and successfully launched the stack.