

Arpita Karmakar

Cloud Engineer

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Overview

I am a cloud engineer with experience in designing, deploying, and managing cloud solutions using various cloud platforms and tools. I have expertise in AWS, Azure, Virtual Machines, Load Balancer, VPC etc. In addition to that I have in-depth knowledge of programming languages such as Python, HTML, CSS, JavaScript. I have excellent communication skills, both written and verbal, and can collaborate effectively with diverse teams and stakeholders. I am eager to join a reputable organization as a cloud engineer and demonstrate my skills and knowledge.

Experience

Wipro / Project Engineer

May 2022 - PRESENT, Kolkata

- A cloud engineer is a professional who works with cloud computing technologies and services, such as AWS, Azure.
- Creating, Managing Virtual Machines and other cloud resources on Cloud
- Working on Linux server, creating users, groups, changing permission for files, directory checking networking configuration.
- Proactive analyzing and monitoring cloud servers for issues as well as providing the best solution to fix.
- Maintaining excellent communication skills, both verbal and written for high priority tasks, as well as fulfilling them on a strict timeline.
- Handling, communicating and working with multiple teams in a proactive manner.
- Acknowledging and solving high priority tickets/tasks on specified TAT.

Wipro / Intern

February 2022 - May 2022, Kolkata

- Managing windows server, creating users.
 - Creating users, groups on linux server, installing update packages.
 - Installing Programming languages (e.g; Python), Web Server (NGINX, Apache).
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Bengal Institute of Technology/ Bachelor of Technology (B.Tech)

September 2019 - July 2022 Kolkata, West Bengal

Computer Science and Engineering

CGPA - 9.30

K.G Engineering Institute / Diploma

August 2016 - June 2019, Bishnupur, West Bengal

Computer Science and Technology

CGPA - 8.2

K.M High School / Higher Secondary

February 2016 , Bishnupur, West Bengal

Science (PCMB)

Percentage - 69.2%

Bishnupur Sibdas Central Girls' High School/ Secondary

January 2014 , Bishnupur, West Bengal

General (Science)

Percentage - 65.14%

Education

Skills

AWS Cloud, AZURE Cloud, AWS EC2, VPC, AWS S3, Lambda, Elastic Load Balancer, Linux, Networking, Python, JavaScript, HTML, CSS, Project Management, Communication, Monitoring, Problem Solving, Precision, Service Delivery and Management.

Projects

1. Creating a proxy server for maintaining/controlling traffic in AWS using AWS EC2, NGINX on Ubuntu
2. Automatically start and stop virtual machines in AWS, using AWS EC2, EventBride, Lambda and Cloudwatch.
3. Creating weather API using AWS API Gateway, Lambda and Python.

4. Online Resource Management System - To handle all the information of the student regarding notice, syllabus, required e-books and examination in a school/college and to manage information of student, faculty and courses. This windows based application is made using Java, MySQL with separate features for Login, Logout, Admin panel, Student and Lecturer panel.
 5. Automatic Speech Recognition System - created a simple speech-to-text system using python, machine learning, deep learning. We've used Mel-frequency cepstral coefficients(MFCC) algorithm to analyze and implement this speech-to-text feature.
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Certification/Courses Microsoft Azure AZ-900
Udemy - AWS Cloud Practitioner, Microsoft Azure Fundamentals, AWS Certified Solutions Architect – Associate, Complete Java, MySQL, Web Development, Complete Data Science and Machine Learning.

Languages English, Bengali, Hindi

Hobby Making videos and creating new contents is my hobby that helps me to share my ideas, and capture memorable moments and try to explore new places, meet new people and learn their cultures which helps me to communicate and fit in with people of different cultures in my professional journey. And also loves reading books and doing paintings too.