Kinnar Chowdhury

Software Programmer & DevOps at MSQUBE Technology Solutions Pvt. Ltd.

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About Me

I am a skilled software programmer with experience in Python, MYSQL, AWS Console Management, Apache Web Server, Nginx, Docker, and Linux Systems. I work as a full-time Python backend & API developer as well as play a crucial role as a DevOps & Cloud Architect at MSQUBE Technology.

Working Experience

Job Title: Senior Software Programmer, DevOps Engineer & Cloud Administrator

Duration: December 2019 - Present

Company Name: MSQUBE Technology Solutions Pvt. Ltd.

Responsibilities:

- Manage cloud resources, Service deployment, Container management, Application backend design ,and testing.
- Designs fully functional cost-effective cloud infrastructure for applications hosted in the cloud.
- Deployed fully functional application "e-KYC" into the AWS fargate configured with ECR and Cloudfront. Implemented Log, Metrics, and trigger-based event notification through SNS and a statistical dashboard with Cloudwatch.
- Designed and deployed scalable, cost-efficient, and secure cloud architecture for EKYC, Integrated Grievance Management System, GoBykes, QubeCart, and Dabadigo on behalf of MSQUBE Technology Solutions Pvt. Ltd. using AWS Cloud Platform.
- We developed a Swagger implementation code from POSTMAN Collection for AWS API Gateway which reduces 80% deployment time.
- We also have developed a faster code pipeline in Jenkins for the Continuous Integration and Deployment (CI/CD) process for the GoBykes Platform which also reduces deployment time and effort as well.
- Deployed scheduled workflow using AWS Lambda & AWS Cloudwatch to manage some activity which jots down the effort, human intervention, and time.
- Migration of different applications (SufalBangla, Eparimap, etc.) into the State Data Centre.

Projects Undertaken

Project Manager   March'2023 - Present

MSQube Technology Solutions Pvt. Ltd.

Team Management and Timely Completion of the project depends on the team who are going to drive the show. Besides managing the projects regarding Grievance Management, Recruitment Portals as well as worked side by side with our developers.

Deploy MERN Application   Feb'2024 - Mar'24

Hero Vired

Hosted a fully functional MERN application in the cloud environment with a fully qualified domain name. Used Nginx Web Server deployed in an AWS EC2 configured with auto-scaling group and load balancers during my journey of Certificate Program in DevOps and Cloud Engineering with Hero Vired.

Project Link: https://github.com/KinnarChowdhury1994/deploy_mern_application

Result Management System   May'17 - Jul'17

Under guidance of Prof. Apurba Sarkar, Indian Institute of Engineering Science and Technology, Shibpur

Hands-on experience with many tools related to web-technology and web-services such as HTML, PHP, Javascript, AJAX, Jquery, Mysql to design almost fully functional web application for Automating Examination Control System which was meant to replacing the manual job of the office of the controller in many academic institution.

Project Link: https://github.com/shubhamkhan/Results-Management-System

Skills

Python

Basic Python Knowledge using Django (Model, Queryset, REST Framework) Framework.

RDBMS - MySQL, PostgresQL

Server Management, Replication, and Basic Knowledge of SQL syntax of Mysql and Postgres Database Engine

Web Servers (Apache,NginX)

Basic knowledge of Apache Web Server or Nginx.

Docker

Docker Image Build, Compilation, Container management and Container Logs.

AWS Console Management

Amazon EC2, RDS, VPC, S3, IAM, Lambda, Elastic Beanstalk, CloudWatch, DynamoDB, API Gateway, Route53.

Linux System (Ubuntu, Redhat)

Working experience on Linux (Ubuntu, Redhat etc.) Server Management, Deployment, Managing microservice, Backup, Scheduling etc.

Jenkins, Github

Code Pipeline using Github and Bitbucket, Scheduled Job, Publish over SSH.

Data Visualization Tools

Metabase, Apache Superset, Graphana etc.

HTML, CSS, JavaScript, PHP

Hands on Knowledge on HTML, CSS and Javascript and PHP.

Education

B.Tech in Computer Science & Engineering
2016 - 2019
Jalpaiguri Government Engineering College
Overall Percentage of Marks: 62.30%

Diploma in Computer Science & Technology | WBSCT&VE&SD
2013 - 2016
ABS Academy of Polytechnic, Durgapur
Overall Percentage of Marks: 80.71%

Higher Secondary Examination | WBCHSE
2011 - 2013
Asansol Old Station Higher Secondary School
Percentage Scored: 55.4%

Secondary Examination | WBBSE
2002 - 2011
Asansol Ramakrishna Mission High School
Percentage Scored: 80.33%

Strength

- Dedicated.
- Motivated.
- Attention to Details.
- Creative & Analytical.
- Teamwork & Flexibility to surroundings.
- Enthusiastic, Learning from failures & Hard Working.

Hobbies

Listening Music, e-Sports, Currency Collection

General Informations

- **Date of Birth** - 1st December, 1994
- **Blood Group** - O +ve
- **Marital Status** - Single

Languages Known

- **English** - Read, Write, Speak
- **Bengali** - Read, Write, Speak
- **Hindi** - Speak