Aishwary Agnihotri

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Professional Summary

- I am passionate about backend *development* and *cloud architecture*, currently working as **Senior Software Engineer**
- I have experience of **4.2 years** which includes endpoint **development, automation,ci/cd,crawling/scraping,payment integration,aws services integration,database development(design)** and **deployment** of latest open-source tools on linux based systems.
- Worked on **OTT** platform's like hoichoi and aha.
- Worked on **AWS, GCP** and have hands-on experience on **Azure** too.
- Worked on **Apache/Nginx** web servers
- Familiar with **Docker** and know deployment of services using docker pipeline.
- Monitoring of the whole infrastructure with **Cloudwatch, Kibana using queries**.
- **Deployment of backend servers using aws services and React applications using apache servers.**
- Worked on **Data backup and other cron jobs.**
- **Team lead experience of client projects where the basic role was maintaining the code quality,reviewing PR's,creating deployment pipelines,distributing big modules into micro-services for achieving sprint targets.**.
- Provided round the clock support in '**on-call**' shifts closely monitoring infrastructure
- Efficient at collaborating across roles like managers, architects, developers and testers to plan builds and deployment strategies.
- **Client facing skills** were developed while working as a first contact for tier one clients.Worked hand to toe with clients which enhanced **client handling** skills.
- Efficient in **automating** various micro services using **serverless scripts.**
- Supporting high throughput, high availability production systems round the clock.
- Hands-on experience of using linux terminal and writing bash scripts.
- Worked extensively on increasing the overall efficiency of the team by working closely and concentrating on every single detail.

Technical Skills

Backend Languages C, C++, NodeJs,

Bash **Operating Systems** Linux,

Windows **Cloud Services**   AWS, GCP

AWS Services	EC2, S3, RDS, IAM, beanstalk, CloudWatch, Athena, lambda ,Redis, VPC, EMR, Quicksight, Redshift, EKS, ECS, SecretsManager, Route 53
Databases	MySQL,DynamoDb, PostgreSQL
Modules	puppeteer,winston,fetch,prisma
Log Management	Logstash, Kibana, cloudwatch

Version Control WebServers Git,Gitlabs,nginx,bitbucket,apache

Containerization tools   Docker,

Scripting Other Tools

Python, Bash

Work Experience

Witlabs, Gurgaon
Senior Software Engineer -SDE2(Mar 2021 – Present)
Role: Leading the team of 3 backend individuals on a client paying project.
Designing the architecture for setting of the production environment and choosing the right AWS services for the same.
- Reviewing code of the junior peers and maintaining code quality..
- Automated the application deployment using **Jenkins**.
- Transformed the whole infrastructure to small micro services for better support and disaster handling.
- Deploying frontend applications using apache on prod servers.
- Dealing with the client in terms of clear requirements,demo's , and clean pipeline for modules to be ready by our team.

Nexgen, Gurgaon
Web Application's Engineer (Jan 2020 – Feb 2021)
Role: I was here on a client payroll , which was hoichoi and it is an OTT platform.
Challenges: Managing the content of the complete platform based on the user's geolocation.

- Integrated several payment gateways for different countries like Bangladesh and India.

- Introduced a module for filtering the content to the user based on his geo location and plan details.

Bugeetech, Gurgaon
Backend Engineer (Jun 2017 – Nov 2019)
Role: My role here was to write crawling and scraping scripts to extract data from several e-commerce domains like amazon,target,grofers ,flipkart,etc.
Challenges: The biggest challenge faced by me was to bypass the anti-bots on the domains which prevent bots from crawling and scraping data. I used headless chrome to overcome the same using several different user-agents and proxy locations and different crawling speed.
Achievement: Created a chrome extension solely which would go on the domains and scrape 3 pages at a time till the url list is finished and is now used by the firm intensively.
- Managed **4+ active projects** concurrently.
- Managed **20+ domains** with data handling .
- Responsible for providing poc's for several clients and **designing** the whole **infrastructure** as per the client's requirements.
- Took an initiative in **monitoring** the on-premise servers.Responsible for **setup, deployment** and **support** on various projects in multiple environments.
- Managed data points scraped using **athena** and **glue** services in **AWS**
- Supporting high throughput, high availability production environments round the clouservicesd.
- Setup and manage different databases like **Dynamodb ,mysql**.

Educational Background

B.E. (Computer Science)
Jul 2013-Jan 2017
Lovely Professional University,
Jalandhar, Punjab

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