

Akshit Mittal

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EDUCATION

GGSIU UNIVERSITY

B.TECH IN ELECTRONICS AND

COMMUNICATION ENGINEERING

Year: 2018 - 2022 | New Delhi, India

Scored - 7.9 CGPA

CERTIFICATIONS

Cal Tech University - Post Graduate

DevOps Certification Training ;

Configuration Management with Ansible

and Terraform ; Docker Certified

Associate ; Container Orchestration Using

Kubernetes | Nov 2023

Coding Blocks Academy - C++ DSA (Data

Structures and Algorithms) | Aug 2021

CCVS Academy - C Programming

Language (Basic + Advanced) | Aug 2020

DSA ACHIEVEMENTS

Hackerrank: 6 Star, Gold Badge - Problem Solving | [Link](#)

Leetcode: Solved 400+ questions | [Link](#)

SKILLS

PROGRAMMING

Java • CSharp • JavaScript

TypeScript • Golang • Python

C • C++ • Shell Script • YAML

FRAMEWORKS

• MERN Stack • ASP.NET

• React • Tailwind CSS • Django

TOOLS AND TECHNOLOGIES

AWS • GCP • GitHub • Postman

MongoDB • Jenkins • Ansible •

Terraform • Docker • Kubernetes

ELK Stack • Nagios • Grafana

OTHER SKILLS

Data Structures and Algorithms

Full Stack Web Development

Agile and DevOps Practices SDLC

Object Oriented Programming OOP

Database Management

Cloud Infrastructure

Research and Development

Project Management

Business Acumen

Leadership and Teaching

Get It Done Spirit!

EXPERIENCE

SFLHUB TECH PVT LTD | START-UP | SOFTWARE ENGINEER

Dec 2022 - Jan 2024 | 1 Year 1 Month | New Delhi

Technologies: Java, C Sharp, MySQL, XQUERY, Cloud (GCP, AWS), DevOps tools

- Software Development (Agile and DevOps): **Independently developed end to end** user-friendly Web Applications to perform system data integration for EDI Electronic Data Interchange (X12, EDIFACT) in the logistics freight forwarding industry via rigorous **Research and Development**.
- Acquired **industrial expertise** in APIs and web development and Micro-Services architecture. Engaged closely with a major clients and project managers, **overseeing ongoing production projects** as a dedicated full-time resource while adhering to all **SLAs**.
- **Led 2 interns**, overseeing launch of their projects till UAT and production. Performed **system LLD documentation**, code refactor and code Reviews.
- Leveraged automation tools like Maven in Jenkins CICD workflow, contributing to **25 to 30 percent** increase in pipeline efficiency.
- Reduced troubleshooting time by **30 to 35 percent** by integrating Monitoring tools such as LogStash and Grafana via Windows server logs, performing logs rotation, backup, restore and monitoring.
- Optimised average internal company cost by **18 to 20 percent**, through setting up cloud resources usage alerts, monitoring in AWS.
- **Automated integration of two systems** by developing Window Services. JSON Serializer, XML Serializer, File System Watcher, Web API in ASP .Net .

MKT XCL DATA MATRIX PVT LTD | DATA ANALYST

March 2022 - June 2022 | 3 Month | Delhi

Technologies: MS-Excel, Macros, Power BI, Dashboards, Statistics

- Analyzed the raw data from the Market research surveys and internal project managers, to generate reports and visual dashboards based on the findings.

PROJECTS

- Created **CPU Monitoring Web Application** in Python using flask module, containerising and setting up the **CICD pipeline workflow** to deploy image in **GCR Google container registry** and **Google artifact registry** on every commit with the updated tag. Tools: Docker, GitHub Actions, Shell Scripting. | [Link](#).
- Developed **Real-Time Quizzing web application** similar to Menti-meter using Web Sockets. Tools: Next.js, React, Tailwind CSS, Typescript. | [Link](#).
- Developed **User Creation automation system** triggering the creation of a new user and performing various operations on it. Tools: Shell Scripting. | [Link](#).
- Developed **Vaccination centre registration system** allowing users to facilitate the selection of a nearby vaccination centre at available dates and generating vaccination appointment form. Tools: Java, HTML and CSS, MySQL | [Link](#).
- Performed **ETL Data Integration on Covid-19 dataset**, to transform and load data into the Amazon Redshift warehouse. Tools: AWS tools, Python | [Link](#).
- Implemented automated CICD workflow for **containerising and deploying Java applications on remote Apache server**, every commit. Tools: Ansible, Docker, Jenkins, Github. | [Link](#).
- **Provisioned and configured virtual EC2 machine** using IaC principles and install software packages within the virtual machine. Tools: Ansible Playbooks, Terraform, AWS EC2 services. | [Link](#)
- **Passionately Shared knowledge and Mentored individuals** about technologies, while continuously learning and developing. | [Link](#) | [Link](#) | [Link](#)