

Akshit Mittal

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EDUCATION

**GURU GOBIND SINGH
INDRAPRASTHA UNIVERSITY)**
B.TECH IN ELECTRONICS AND
COMMUNICATION ENGINEERING
Year of Graduation: 2022
New Delhi, India

CERTIFICATIONS

PG DO - DevOps Certification Training;
Configuration Management with Ansible
and Terraform; Docker Certified
Associate (DCA) Training; Container
Orchestration Using Kubernetes | Cal
Tech University, Nov 2023
C++ Launchpad - DSA (Data Structures
and Algorithm) | Coding Blocks Pvt Ltd,
Aug 2021
C Programming Language (Basic +
Advanced). | C CVS Academy, Aug 2020.

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 Actions
Postman • Web Sockets
MongoDB • SSMS • Jenkins
Ansible • Terraform • Docker
Kubernetes • ELK Stack

OTHER SKILLS

Data Structures and Algorithms
Agile and DevOps Practices SDLC
Object Oriented Programming
Cloud Infrastructure and Management

COMPETENCIES

Research and Development
Project Management
Leadership and Teaching
Market Research and Analysis
Business Acumen
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. 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 the 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** and increased efficiency 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 cloud resources usage alerts, monitoring on 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, and containerising app via Docker, following with setting up the **CICD pipeline workflow** using Github Actions to automatically trigger the build of app and deploy its image in **GCR Google container registry** and then **Google artifact registry** on every commit with the updated tag via Shell Scripting. | Link.
- Developed **Real-Time Quizzing web application** similar to Menti-meter using Web Sockets. Tools: Next.js, React, Tailwind, 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 the vaccination form. Tools: Java, HTML and CSS, MySQL | Link.
- Performed **ETL Data Integration on Covid-19 data**, to transform and load data into the Amazon Redshift warehouse. Tools: AWS tools, Python | Link.
- Implemented Automation of CICD workflow for **containerising and deploying Java applications on remote Apache server**, triggering on every commit automatically. Tools: Ansible, Docker, Jenkins, Github Triggers. | Link.
- **Provisioned and configured virtual machine** (EC2 instance) using Terraform (IaC principles) and creating Ansible playbooks to install software packages within the virtual machine. Tools: Ansible, Terraform, AWS EC2. | Link
- **Passionately Shared knowledge and Mentored individuals** about technologies, while continuously learning and developing. | Link | Link | Link