

KAJAL YADAV

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EXPERIENCE

LTI Mindtree

DevOps Internship August 2024 – Oct 2024 Navi Mumbai, India

- Gained hands-on experience in implementing CI/CD pipelines using Jenkins, Git, and Maven for automated software builds and deployments.
- Worked on containerization technologies, including Docker and Kubernetes, for application orchestration and scaling.
- Utilized AWS services for infrastructure automation, including ECS, ECR, and Terraform for infrastructure as code (IaC).
- Developed expertise in configuration management with Ansible and best practices for Site Reliability Engineering (SRE).
- Collaborated on real-world projects to deploy Java-based applications in cloud environments and troubleshoot production issues.
- Participated in client interview preparation, communication training, and design thinking workshops to enhance soft skills.

FountLab Solution Pvt. Ltd. [\[Link\]](#)

Hardware Internship Nov 2021 - April 2022 Pune, India

- Remarkable experience with Layout, fabrication and assembly of Multilayer PCBs Performing library part creation and maintain a parts library by integrating existing and newly built components
- Creating complete design package to include all PCB design data Placing and routing complex, high speed, multilayer circuit boards
- Creating schematics from engineering input Help to develop and improve corporate PCB design best practices

Ai Variant Solution [\[Link\]](#)

Data Analyst Internship Aug 2022 - Nov 2022 Pune, India

- This internship focuses on: Tableau, Power BI, SQL, MS-Excel, Python.
- Provided insightful reporting and insights on the operation of two or more e-commerce firms.
- Applying SQL queries to big datasets in order to filter, group, aggregate, and carry out statistical calculations.

PROJECTS

OLIST E-COMMERCE ANALYSIS

- The analysis's purpose is to gather data that will help Olist efforts to grow its customer base.
- integrating diverse data sources to produce displays that give uniform data.
- Developing dashboards with drill-down capabilities, interaction views, trends, and user-level security.

IoT BASED ATTENDANCE SYSTEM USING BLE WITH WIFI ACCESS POINT

- Developed an IoT-based attendance system utilizing Bluetooth Low Energy (BLE) technology in conjunction with a WiFi access point..
- Utilized BLE beacons and sensors to accurately detect and record attendance data in real-time, providing reliable and efficient attendance tracking.
- WiFi Access Point: A WiFi access point acts as a bridge between the BLE beacons and the central server. It receives the signals from the beacons and relays the data to the server for further processing.
- Designed hardware and software components for seamless integration, supported by [FountLab solutions Pvt. Ltd.]'s investment in the project.

CI/CD PIPELINE FOR CONTAINERIZED APPLICATION DEPLOYMENT

- Developed a CI/CD pipeline using **Jenkins** to automate the build, test, and

deployment process of a containerized Java-based application.

- Integrated **GitHub** for version control with webhooks and **Git** to automatically trigger Jenkins jobs upon code commits.
- Utilized **Maven** for building the application and **Apache Tomcat** as the server for deploying the application.
- Docker**: Containerized the application to ensure consistency across environments and simplify deployments.
- AWS ECR**: Stored Docker images in AWS Elastic Container Registry, enabling smooth integration with cloud services.
- Kubernetes**: Deployed and managed containerized applications using Kubernetes, ensuring scalability and fault-tolerant operations.
- Managed secure access and communication between services using **AWS access keys** and **SSH credentials**.

SKILLS

CI/CD Tools

AWS, Git,docker,Kubernetes

Programming

SQL,Python

Analytical Tools

PowerBI,MS-excel,Tableau

EDUCATION

B.E in Electronics and Telecommunication

2023 | International Institute of Information Technology | 8.0 CGPA

Maharashtra State Board of Higher and Higher Secondary Education (Grade XII HSC)

2018 | Rajarshi Shahu Mahavidyalaya | 74.67%

Maharashtra State Board of Higher and Higher Secondary Education (Grade X SSC)

2017 | Parimal Highschool Latur | 98%

ACHIEVEMENTS

Won the EDC (Entrepreneurship Development Challenge) 2022 by International Institute of Information technology

In order to address the issue of "Tracking coal mine workers' health problems and detecting roof collapse using object detection (with 3D image processing of mine utilising LIDAR for evacuation routes as FUTURE SCOPE),"

CERTIFICATION

- Excel Skills for Business from coursera.
- Python for Data Science udemy.
- Microsoft Power BI Data Analyst udemy.
- ExcelR Solution six months Data Analyst Training Certification.
- Devops training certification at LTIMindtree

