




AKSH DARJI

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Objective

To work in an environment where I can leverage my knowledge in DevOps and other IT areas to foster innovation, streamline workflows, and achieve operational efficiency while contributing to the success of the organization.

Education

Saffrony Institute of Technology, Gujarat

2020 – Present

Bachelor of Engineering in Information Technology

8.83 CGPA

Projects

ImageUpload Automation | *Node, Docker, Jenkins, Shell script, Github*

August 2023

- Developed an automated CI/CD pipeline for an ImageUpload project using Node.js.
- Containerized the application with Docker for consistent deployment.
- Orchestrated Jenkins for building, testing, and auto-deploying Docker images.

Blood Donation System (DoNation) | *React.js, Node.js, Express.js, MongoDB, GitHub, Docker*

May 2023

- Built a Web app to provide a quick and easy way to find and request an emergency blood supply with the primary goal of solving the problem of blood requirement during critical situations.
- A web app's functionality is centered around facilitating real-time communication between hospitals, blood donors, blood banks, and those in need, making it easier to locate and access emergency blood supply.
- Implemented features like Location filtering, Registration process, and Feedback option

RAKSHA-Women-Safety-App | *React Native, Node.js, Geolocation, GitHub*

June 2022

- Reverse Engineering on the app using the SCAMPER technique with the primary goal of identifying any potential areas for improvement.
- It involves strategies, practices, and policies that aim to reduce gender-based violence.
- Reconfigured emergency contact numbers, instructions for self-defense techniques, and vulnerabilities.

Experience

Compozent

August 2023

DevOps Intern

Remote

- Developed and automated CI/CD pipeline with Jenkins, Docker, and GitHub, streamlining code deployment and reducing errors.
- Implemented Selenium script for continuous website testing, collaborating cross-functionally to optimize processes and earn a Letter of Recommendation and Completion Certificate.

TechoHacks

August 2023

Cyber Security and Ethical Hacking Intern

Remote

- Conducted SQL injection tests on <http://testphp.vulnweb.com/> pinpointing vulnerabilities and implementing critical security measures.
- Utilized Maltego and Nmap for information gathering and network scans, identifying potential weaknesses and strengthening defenses.

Oasis

August 2023

Java Programming Intern

Remote

- Developed a Java-based Flight Reservation System, enabling efficient flight booking, cancellation, and access to current ticket information.
- Created an engaging Number Guessing Game with varying difficulty levels, utilizing Java's random number generator and extensive debugging to ensure an immersive user experience.

CreArt Solutions

Jul 2023 - Aug 2023

Django Developer Intern

Remote

- Utilized Django, and MySQL to craft "NoticeHub," a user-centric web application streamlining communication between administrators and students.
- I streamlined administrative operations by harnessing the efficiency of Django's robust admin interface, significantly reducing administrative workload and enhancing productivity.

Bharat Intern

July 2023 - August 2023

Full Stack Web Developer Intern

Remote

- Led VoxMeeting development, designing the frontend and integrating real-time audio-video interactions with ZEGOCLOUD technology.
- Built a ClickUp clone for project management, mastering frontend and backend development.

CodSoft

July 2023 - August 2023

Python Programming Intern

Remote

- Led Python-based projects, including calculator applications, interactive quizzes, secure password generators, and real-time weather forecast systems.
- Demonstrated expertise in API integration, data management, and GUI design, contributing to the development of user-friendly, real-world applications.

IBM SkillsBuild

Jun 2023 - Jul 2023

Cyber Security Intern

Remote

- Gained experience in various cyber threats, including phishing attacks, SQL injections, and malware, while utilizing cutting-edge hacking tools and security technologies.
- Completed a 6-week internship, also Designed and implemented a GUI-based keylogger in Python, capturing user keystrokes effectively and demonstrating proficiency in cybersecurity tool development.

Technical Skills

Languages: Python, Java, C, HTML/CSS, JavaScript, PHP, SQL

Technologies/Frameworks: DevOps, Linux, Jenkins, Docker, Kubernetes, Chef, Ansible, GitHub, Cyber Security, Computer Networks, Web Development, React js, Node js

Developer Tools: VS Code, Eclipse, Sublime Text, AWS Cloud Platform

Certifications

- Letter of Recommendation from Compozent Company
- TCS iON Career Edge - Young Professional from TCS iON
- AWS Cloud Technical Essentials from Coursera
- DevOps Fundamentals from Udemy
- Kubernetes for Developers from Udemy