UJJWAL SHIVACHARYA

Engineering @ Zurn Elkay ● Automation Engineer ● Ex Google DSC Lead

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WORK EXPERIENCE

Software Engineer - Network Security
Zurn Elkay

📅 August 2024 - Present 📍 Hyderabad, India

- Designed and implemented in-house asset management workflows using Microsoft Graph API, Power Platform, and Python, reducing manual inputs and automating manager approval processes.
- Collaborated with multiple teams to deliver tech-driven projects, resolve network issues, and aligning with business and client needs.

AWS Infrastructure Operations
Sears Holdings

📅 May 2023 - July 2024 📍 Hyderabad, India

- Deployed and managed AWS infrastructure, orchestrating multiple services for both onsite and offshore teams.
- Worked on Python and Linux automation projects for Mail lead generation, minimizing daily tasks and enhancing scheduled programs efficiency.

PROJECT HIGHLIGHTS

GDSC IARE Open Source Platform

📅 April 2023

- Transformed GDSC IARE's project documentation into an intuitive platform for 2022-23 initiatives, enhancing discoverability and user experience.
- Integrated Nextra, NextJS, and Tailwind UI based on custom Figma boards, demonstrating proficiency in modern web development and design principles.

CodeLink

📅 Mar 2023

- Web-based solution for storing code snippets on a public network
- Developed a Full Stack Application with Node.js, Express.js, and Tailwind UI, featuring responsive design and supporting syntax highlighting for 50+ languages with theme customization.

Utsav IARE - The Events App

📅 Mar 2022

- Co-developed a comprehensive events app for college using Flutter, integrated with Google Firebase for real-time updates, and leveraging Firestore, and Push Notifications, now serving students campus-wide.
- Implemented Firebase backend schema, seamlessly connecting and syncing events data with the Admin Panel using Streamlit. The Android App was recently made live on Play Store (Click Here).

ACHIEVEMENTS

- Won 1st Prize at Lexicon 4.0 - a 24 Hours Hackathon
- Won 2nd Prize at WebGeeks - a 3 hours Web Development Contest
- Won 3rd Prize at METE Project Expo 2021 - Innovative Project Implementation
- Top Codechef Rating of 1647 - 3 Stars in Division 2
- Received 5 Star Badge in HackerRank Python Skill on acquiring 475+ points
- Completed HacktoberFest 2022 with Open Source Contributions

EDUCATION

B.Tech in Computer Science
IARE, Hyderabad

Class XII
Sri Chaitanya IIT Academy

SKILLS

Python · Java · HTML · CSS · JavaScript · Bootstrap · Tailwind UI · Firebase · SQL · MongoDB · FastAPI · Git/Github · Linux · Data Structures · AWS Cloud · REST APIs · Azure AD · Playwright · IoT · GCP · Okta · NewRelic · Excel · Figma · UI/UX Design

PUBLICATIONS

Custom Manufacturing Using Industry 4.0

📅 Sep 2022

- Published in the Book "Cloud Analytics using Industry 4.0" by De-Gruyters
- Deep dive into Industry 4.0's transformative role and its impact on technology

RESPONSIBILITIES

- Core Lead at TFUG Hyderabad
- Core Contributor at Google Developer Groups, Hyderabad
- Student Ambassador at Streamlit
- GDSC Lead at IARE, Hyderabad
- Technical Member at CSI

TOP CERTIFICATIONS

- Python Data Structures - University of Michigan
- Cloud Practitioners Certification - Google
- Python Data Visualization Certification - Rice University
- Cybersecurity Certification - Google
- IIT Madras Data Science Certification
- LinkedIn - Python for Automation

CODING PROFILES

- HackerRank
- Google Cloud SkillBoost
- CodeChef
- GitHub