UJJWAL SHIVACHARYA

Cybersecurity Analyst @ Zurn Elkay ● Automation Engineer ● Google DSC Lead

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WORK EXPERIENCE

SWE - Cybersecurity
Zurn Elkay

📅 August 2024 - Present 📍 Hyderabad, India

- Perform vulnerability checks and improve network security at Zurn Elkay CoE India Office; Resolved security threats and safeguarded company data.
- Worked on in-house asset management workflow using Microsoft Graph API, PowerAutomate and Python to reduce manual efforts and approval process.

AWS Infra Operations
Sears Holdings

📅 May 2023 - July 2024 📍 Hyderabad, India

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

PROJECT HIGHLIGHTS

GDSC IARE Open Source
📅 April 2023

- Developed an interactive documentation platform for GDSC IARE, streamlining access to 2022-23 projects and initiatives.
- Built using Nextra Framework, NextJS, and Tailwind UI, with a clean layout customized for better readability. The assets were also self-designed on Figma prior to deployment.

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 · Google Firebase · MongoDB · FastAPI · Git/Github · Linux · Data Structures · AWS Services · REST API · Google Cloud Platform · Okta · NewRelic

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 and the role it plays in the days to come

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

- CodeChef
- HackerRank
- Google Cloud SkillBoost
- GitHub