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Experience

Network Consulting Engineer, Cisco   2019 - Present

- Identify security vulnerabilities in the network and implement workarounds to protect the usability and integrity of the network and data.
- Analyze network configuration and setup, recommend changes in the network for optimal operation.
- Monitor migration windows and construct method of procedures for upgrade scenarios.
- Interface with a mixed bag of customers and troubleshooting issues that crop up concerning their network. Akamai, AXA, Swift, Etisalat, and DU, scattered over APJC, EMEAR, and Americas were some of the accounts I handled.
- Developed a tracking and operations tool for simplifying the pipeline of project delivery and track stages of the project's lifetime. Meant to be used by customers and engineers, the tool phased out redundant project delivery.
- Collaborated with Cisco TAC to implement automatic tracking of Aged Backlog Cases and trending it against Incoming Case volume and Goals. The target audience for the automation tool was the CX Leadership Team (Directors and Managers).
- Worked on an ML-based phishing detecting system for Cisco Umbrella Research Team.

Software Engineering Intern, Accord Software and Systems   2019

- Ideated and developed a system for communications within the dev team, combining the functionality of Stack Overflow and Github.
- Enhanced the anti-aliasing algorithm for clean transition of images produced by the GPS unit developed by Accord. This was achieved by implementing multisampling with OpenGL.

Web Developer, Cooey Technologies   2017

- Worked in an Agile framework to build customer dashboards for remote healthcare solutions using Angular and Java.

Regional ECN Giving Back Lead and ECN APJC Newsletter team, Cisco   2020 - Present

- As a strong proponent of giving back to society and championing a cause, I work with other Regional Giving Back Leads to amplify the impact that the organization can make on the community.
- Increase awareness and drive change by organizing and participating in regional giving back initiatives across chapters.
- Gather insights to support the Global Giving Back initiative of making the world a better place.
- As a member of the Early in Career APJC Newsletter team, I am able to capture events conducted by Cisco, share information with peers, exchange ideas, network and take stock of events.

Licensee, Speaker Curator and Lead Organizer, TEDxPESITBSC   2016 - 2018

- TED and TEDx videos are a vast and exhaustive treasure trove of real world knowledge. I was drawn to the essence of the TED community - A platform where people with different journeys get together to inspire people with different perceptions.
- Being a speaker curator entails identifying homegrown talents and ideas that bring about a shift in perspective. These local talents are unable to find their voice due to a myriad of reasons. As the speaker curator, I got to break them free from the shackles and barriers that society has set. In the process, I had the opportunity to interact with diverse people from various walks of life, imbibe their ideas, brainstorm with them to make their delivery best fit the theme of the event, and help drive home their idea.
- Stepping up as the licensee and lead organizer the next year demanded communicating with TED Officials whilst leading a young team of volunteers.
- Putting out fires, resolving issues and coordinating various aspects of the event.

Secretary, IEEE PESIT-BSC Student Chapter   2017 - 2019

- Innovate ways to bridge the gap between industry and technical education.
- Closely work with other IEEE region leads to curate events for students all over India.
- Represent the college at IEEE events on a regional level.
- Organized "Kalpana", an event for women empowerment in tech. A hackathon for women, Kalpana was a roaring success and saw a successful second iteration as well.
- Organized workshops, industry visits, debates, quizzes, hackathons and other events.

Education

Bachelor of Engineering, Information Science and Engineering, PES University, 8.35 CGPA

ISC Computer Science, Bethany Junior College, Stood second in college with 94%

ICSE Computer Science, Bethany High School Stood second in school with 95%

Technical Repertoire

Languages - Java, Python, C, C++, Matlab

Hardware - Arduino, Raspberry Pi

Web technologies - Angular, HTML5, CSS3, PHP, Django, JavaScript/JQuery, BootStrap

Database - MongoDB, MySQL, SQLite

Graphics - OpenGL

Version Control - Github, Bitbucket

Web Server- Apache, Microsoft IIS

Operating Systems - Windows, Ubuntu, Kali Linux

Other Tools - Wireshark, GNS3, Netsim

Extracurricular Activities

Volunteer at NGOs GiftAbled and eVidyaloka

Tech, Theater and Creative Team, PES University

Content Writer, Spark Career Mentors

School house captain, Bethany High School

Literary Captain, Bethany High School

Certifications

CCNP - Routing and Switching

CCNA - Routing and Switching

DevNet Associate

Academic and Research Projects

Remote Weather Assistant using LoRa Network - A LoRa network, which leverages the architecture of a basic LoRa deployment for remote weather sensing.

E-Commerce Website - A full stack application that mimics the entire flow of conventional E-Commerce websites.

Plagiarism Detector - A Python application that detects duplicate file content using hashing.

Attendance Management Portal - A web application to help the college automate and centralize their attendance management.

Web Activity Tracker - A Python script to analyze time management of users on browsers.

Twitter Sentiment Analysis - Using Python to model the tone of tweets on Twitter.

Achievements

You Inspire 3 for TOP Tool, Cisco

You Inspire 2 for consistent performance, Cisco

You Inspire 2 for volunteering efforts, Cisco

Best outgoing student, Junior College

Competitions

Winner, SANS CyberStart Challenge

Winner, DoSelect Winter of Code

Final Round, Intech Olympiad

City Finals, Times NiE Think and Learn Challenge

Gold Medal, HDFC Bank Meritus Scholarship

Distinctive Performance, SOF National Science Olympiad

Top 50, Microsoft Code-blooded Hackathon

City Finals, IIHM Young Chef