MANSI MAINI

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Technical Skills

Technologies: Python, Rest API's, ZTP, CVP, Linux
Protocols: BGP, OSPF, ISIS, VXLAN, SDN, DHCP, TCP, UDP, DNS, HTTPS, STP, IS-IS, EVPN, Multicast
Soft skills: Customer Engagement, Communication Skills, Problem-Solving Ability, Marketing, Team Collaboration, Presentation

Experience

Arista Networks Private Limited   **Aug 2022 – Present**
Technical Solutions Engineer   *Bangalore, Karnataka*

- Specialized in an extensive range of advanced data center technologies focused on Switching and Routing.
- Resolved 320+ cases involving multiple networking technologies involving TCP, UDP, BGP, OSPF, Vxlan and EVPN, achieving a customer satisfaction rate of 93%.
- Conducted training sessions on various topics for the team and presented complex cases to a wider audience, showcasing troubleshooting strategies and solutions.
- Engaged in rigorous testing and lab reproduction to validate solutions and ensure reliability and effectiveness of implemented technologies.
- Spearheaded the team to win design challenge by developing a comprehensive network architecture from scratch using networking protocols
- Successfully addressed and resolved issues involving automated provisioning and telemetry, enhancing system efficiency and performance.
- Worked extensively with various platform switches, including the 7050X, 7060X, 7280X, and 7500X series. Currently conducting an in-depth study of the 7050X and 7060X series in preparation for upcoming training on these platforms.
- Recently joined an internal team with a specialized focus on managing and resolving cases for Microsoft, Google, and Meta. Committed to providing a high-quality, personalized support experience tailored to the unique requirements of these key customers.

Technical Solutions Intern (Aug 2022 – Jul 2023)

- Demonstrated strong grasp of network concepts, including IPv4/6, the TCP/IP stack, and common Internet protocols.

Techfabs   **Jun 2021 – Sep 2021**
Front End Developer Intern   *Chennai, Tamil Nadu*

- Collaborated with the team as a front-end developer to design and create a landing page for the company.
- Utilized HTML, CSS, and JavaScript to develop and deploy the landing page for real-time use.

Projects

Failure Detection In Networks | *Python*   **January 2023**

- Automated the troubleshooting of physical layer issues, reducing downtime by 10% and enhancing network reliability through accurate diagnostics and actionable solutions.

Medical Store Management System | *Python*   **November 2020**

- Developed a Medical Store Management System with an easy-to-use interface, enabling stock maintenance, database access, and electronic documentation for billing purposes, while ensuring exceptional customer service.

Volunteering Experience

AIESEC in Chennai   **Aug 2022 – Present**
Organizing Committee Vice President of Marketing   *Chennai, Tamil Nadu*

- Continually evaluated marketplace trends and developed strategies for efficiently tapping into the market.

Conferences and Workshops

HPAIR Asia Conference   **January 2021**

- Accepted for the HPAIR Asia Conference 2021

MIT Innovation Leadership Bootcamp   **November 2020**

- Selected to be a part of the MIT Innovation Leadership Bootcamp starting on June 07, 2021.

Education

SRM University (CGPA - 9.42)   **Jul. 2019 – May 2023**
Bachelor of Technology, Electronics and Communication Engineering   *Chennai, Tamil Nadu*