VIDYA SAGARIKA KORRAPATI

Software Engineer at Cisco || Networking Enthusiast

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🔗 Portfolio ⭘ GitHub

🎓 EDUCATION

Sathyabama Institute of Science and Technology
Bachelor of Engineering, ECE
2019 – 2023 | Chennai, India
- Secured 8.9 CGPA

Sri Chaitanya junior college
Higher Secondary Education, MPC
2017 – 2019 | Vijayawada, India
- Secured 9.78 CGPA

St Benedict's High EM School
Secondary Education, SSC
2016 – 2017 | Vijayawada, India
- Secured 9.7 CGPA

🏛 PROFESSIONAL EXPERIENCE

Cisco Systems (India) Private Limited
Software Engineer Apprentice
Jan 2024 – present | Bangalore, India

Yang Suite & NETCONF Integration:
- Worked with Yang models using Yang Suite for configuring network devices
- Automated device configuration and management by leveraging NETCONF protocols, programmatic control of network devices

Programmability with IOS XE:
- Worked extensively with Cisco's IOS XE to enable programmability features on network devices
- Utilized YANG data models and NETCONF APIs for device management and automation tasks

PyATS Certification:
- Achieved certification in Cisco PyATS
- Gaining expertise in network test automation and validation

🗨 SKILLS

Computer Networks | Python | HTML | CSS |
Git & GitHub | PyATS | Jira | Graphic Designing

🗁 PROJECTS

Personal Portfolio Website 🔗
HTML, CSS, JavaScript, GitHub
- Developed a personal portfolio website to showcase my skills and experience.
- Implemented responsive design using **HTML**, **CSS**, and **JavaScript** for optimal viewing across devices
- Added dynamic form validation for the contact section using **JavaScript**
- Integrated CSS animations and transitions to enhance user experience
- Deployed the website using **GitHub Pages**

Grocery Store Management System
HTML, CSS, JavaScript, Bootstrap, Python, MySQL, GitHub
- Built grocery store management system using **HTML, CSS, JavaScript** and **Bootstrap** as a frontend, **Python** as backend, **MySQL** as a database and **GitHub** as version control system to maintain the codebase
- Helped XYZ grocers automate their order and inventory management processes which saved them 30K dollars in the first year after the launch
- Used **Flask** as a web server framework to serve **HTTP** requests coming from the frontend
- Used sqlalchemy module to interact with MySQL database from Python backend

⚙ CERTIFICATES

Cisco Certified Network Associate (CCNA) — Credential ID: CSCO14716197

Simplilearn Certified Python Training

Simplilearn Certified Designing and Planning UI

Simplilearn Certified API Endpoints and Communication

Simplilearn Certified Integration and Deployment