

Nagananda Kengari Jagadeesh

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Graduate student at New Jersey Institute of technology interest in Edge computing, Machine Learning and Artificial Intelligence. Proficient Project Engineer skilled in the Computer Network domain with two years of experience driving two projects. Actively looking for full time opportunities starting May 2022

Education

New Jersey Institute of technology Sep '21 – Present | Newark, New Jersey
Master of Science in Computer Engineering | Currently in second semester | CGPA 3.8/4
Relevant Coursework: Computer Network Design and Analysis, Intelligent Sensing for Smart Grid and Smart City (computational intelligence), Machine Learning in Mobile Edge Computing Systems, Data Structures and Algorithms.
S J B Institute of Technology Jun '15 - Jun '19 | Bangalore, India
Bachelor of Engineering in Electronics and Communication | CGPA 7.93/10
Relevant Coursework: Operating System, Python Application, Object oriented programming with C++, Programming in C and Data Structures, Artificial Neural Networks.

Technical Skills

Languages: C, C++, Python, MATLAB, CSS/HTML.
ML Toolkits: NumPy, Pandas, SciPy, Scikit-learn, Deep-Learning Designer toolbox in MATLAB
Application Software: VS Code, Jupyter, GIT, Cisco V-Manage, SolarWinds, ServiceNow, LabVIEW
Key Skills: Switching and Routing (STP, BGP, EIGRP, OSPF), Enterprise Wi-Fi Management, IP address structure, Subnetting expertise, Internet Protocols, Embedded Systems.

Work Experience

Wipro Limited | Project Engineer Jul '19 - Aug '21 | Bangalore, India

- I was responsible for managing the **network devices with 50 plus** switches, routers, wireless controllers, and Access points
- Performed day-to-day **Network operations** such as VLAN creation, interface modifications, and the routing of packets
- Assisted to implement and support the **SNMP** monitoring, **Netflow** configuration, and other network-monitoring configuration in both projects.
- Have a good knowledge of **Cisco, Juniper, and Dell Hardware** while doing troubleshooting in the two different projects.
- Collaborated with Cisco to select and implement new **SD-WAN technology** to optimize the network
- Escalated emergency technical issues beyond the scope to **maintain optimum uptime**.
- Operated closely with two clients to identify business needs including **costs and other benefits** by implementing computing solutions.

VI Solutions | Intern Mar '19 - Apr '19 | Bangalore, India

- Contributed to the integration of the Accelerometer to myRIO and display the XYZ axis on the LCD in LabVIEW using I2C protocol. I2C protocol.
- Catered the support in building an application like a function generator capable of generating the signals for educational purposes. Application similar to a function generator capable of generating the signals for educational purposes.
- Enabled the interface between Ultrasonic Sensor to myRIO and was a part of designing the Front Panel in LabVIEW.

ACCOMPLISHMENTS

- Received Stay Green Champion award in Software Defined-WAN project for learning and deployment of Cisco SD-WAN architecture in client environment in very short time.
- Mentored three interns in Wipro Limited for SD-WAN Project implementation by delegating few basic technical configurations of the cisco devices.