SUJATA ADHIKARI

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Objective

A result-oriented professional with strong computer science skills. Seeking to utilize techniques and experience as a software engineer. Coming with knowledge in Python, SQL, Machine Learning, DSA.

Technical Skills

Languages	:	Python, C, C++, SQL, HTML, CSS, JavaScript
Libraries	:	Pandas, Numpy, TensorFlow, Matplotlib
Dev Tools	:	Visual Studio Code, Git, Jupiter- Notebook, Anaconda, PowerBI, Cupcarbon Simulator
Other	:	Statistics, Routing Protocols, TCP/UDP, Machine Learning, Internet of things, Operating systems, DBMS

Experience

Network Engineer At Europe and North America Region Apr 2022 – Present
Cargill-TATA CONSULTANCY SERVICES *Pune, India*

- Working with Network Implementer and Project Manager to discuss **design** and **needs of the project**.
- Managing Various **Network Monitoring Tools** to resolve application issues.
- Improved **Change request closure and compliance issue** and managed **Firewall up-gradation**.
- Helped Cargill **resolve various device issues**.

Data Exposure Feb 2023– present
BCG, Quantium *Virtual*

- Virtual Experience Program for **Data Analyst.**

Education

University School of Information and Communication Technology(GGSPIU) New Delhi, India
Bachelor of Technology in Computer Science Engineering *Aug 2016 – Sep 2020*

Kendriya Vidyalaya ONGC Dehradun, India
Higher Secondary School(PCM) *March 2015 – April 2016*

Projects

Routing In IoT Network using Cupcarbon Simulator *IoT, Routing protocols, Cupcarbon, Research.* Source Code

- **Research-based** project based on routing protocols in the internet of things.
- Reviewed previous papers in **routing protocols, IoT uses, cup carbon simulator** .
- **Published paper in IEEE** on the same topic.

Potato Disease Classification *Numpy, Pandas, TensorFlow, CNN, Jupiter notebook* Source Code

- A Machine learning Project to demonstrate image Classification using **Convolutional Neural Network**.
- This project helps us **predict** potato disease when an image of potato leaves is given as input.

Personal Website *HTML, CSS, JavaScript, Visual Studio* Source Code

- Designed and developed a clean and modern website using **HTML, CSS, and JavaScript**.
- Utilized **responsive design** to ensure compatibility across all devices.
- Deployed on **Github pages** via GitHub.

Achievements

- **Presented research paper** : On the topic routing in IoT network using cupcarbon in the international conference(SPIN2020) By IEEE.
- **Yoga Competition** : I secured second position in the women's yoga competition in inter-college and participated in a National yoga competition.