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# Ritesh Ranjan

## Cyber Security Analyst

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### OBJECTIVE

Highly motivated and adaptable professional with a strong background as an Identity and Access Management (IDAM) professional, specializing in SailPoint and Active Directory (AD). Seeking a transition into a developer or ML engineer role to leverage my technical expertise, programming skills, and passion for machine learning. Eager to apply my analytical mindset, problem-solving abilities, and strong foundation in cybersecurity to excel in a dynamic and collaborative development or ML engineering environment.

### SKILLS

**Programming Languages:** Python, C

**Machine Learning:** Scikit-learn, TensorFlow, Keras, Pandas, Numpy

**Web Technologies:** HTML, CSS

**Database Systems:** MySQL

**Version Control:** Git, GitHub

**Additional Tools:** Jupyter Notebook, PyCharm, Visual Studio Code

**Cyber Security:** Identity and Access Management, SailPoint, Active Directory

**Soft skills:** Strong problem-solving and analytical skills, Excellent communication and teamwork abilities

### EXPERIENCE

#### Wipro Limited, Pune - *Cyber Security Analyst*

APRIL 2022 - PRESENT

- Specialized in Identity and Access Management (IDAM) using SailPoint and Active Directory (AD).
- Maintained customer access and provided necessary permissions.
- Conducted regular vulnerability assessments and risk analysis.
- Developed and implemented security policies, standards, and procedures.
- Provided guidance and training to junior team members on best security practices.

#### The Sparks Foundation, Remote - *Data Science & Business Analytics*

May 2021 - June 2021

- Predict the score percentage by the students using study hours as a parameter.
- Evaluate peers' tasks and give suggestions to improve their tasks.
- Make a description video of given tasks.

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## PROJECTS

**Ayurvedic Plant Detection Web App:** Developed a web application that uses Tensorflow, scikit-learn and Flask to detect medicinal plant species.

**Covid-19 Visualization and Prediction:** Developed a machine learning model using linear regression to predict the upcoming COVID-19 cases.

**Face Mask Detection:** Developed a machine learning model using OpenCV, Tensorflow, and Pandas to detect face masks.

## PUBLICATIONS

**"Convolutional Neural Network Enactment Layer based Ambient Temperature Prediction of Electric Motor"** - *M. Shyamala Devi, Ritesh Ranjan, Utpal Kumar Sharma, Kumkum Kumari, and Akhil Duggishetti*

April 2021 - Turkish Journal of Computer and Mathematics Education, vol. 12, no.9. pp. 1847-1855

## CERTIFICATIONS AND COURSES

**Python For Everybody Specialization** - *University of Michigan on Coursera*

SEP 2020 - MAY 2021

**An Introduction to Programming through C++** - *NPTEL*

JULY 2019 - OCT 2019

## EDUCATION

**M.Tech in Artificial Intelligence & Machine Learning** - *BITS Pilani, Work Integrated Learning Programmes (WILP)*

2023 - present

**B.Tech in Computer Science and Engineering** - *Vel Tech Rangarajan Dr. Sagunthala R&D Institute of Science and Technology, Chennai*

2018 - 2022

CGPA: 9.03

**Intermediate** - *Woodbine Modern School Gangasagar, Darbhanga*

2018

PERCENTAGE: 63.4%

**Matriculation** - *St. Xavier's English High School Divine Nagar, Madhubani*

2016

CGPA: 10

## LANGUAGES

**English:** Full Professional Proficiency

**Hindi:** Native or Bilingual Proficiency