

AYUSH NEGI

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EDUCATION

Graphic Era Hill University, Dehradun

- Bachelor of Technology (B. tech) in Computer Science Engineering | CGPA: **8.59**

2020 - 2024

(expected)

Baluni Public School, India

- *AISSCE (Class XII)*, Aggregate: **90.2 %**

2019 - 2020

Baluni Public School, India

- *AISSE (Class X)*, Aggregate: **91.6%**

2017 - 2018

WORK EXPERIENCE

Intern – InfosecTrain

July 2023 – Sept 2023

- Acquired skills in content writing, network analysis, and vulnerability assessment
- Conducted in-depth research on current cyber threats and vulnerabilities, analyzing the latest attack vectors and their impact on organizations.
- Contributed to cybersecurity awareness campaigns by creating informative content and conducting network analysis, enhancing company-wide security measures.

SKILLS

Programming: C/C++, Java, Python

Fundamental: OOPS, Computer Networking, Data Structure Algorithm, DBMS (MySQL, Oracle, MongoDB)

DevOps Tools: Docker, Kubernetes, Ansible/Chef, Git/GitHub, Linux, Cloud (Aws)

Familiar with HTML, CSS, JavaScript, React

Soft Skills: Team Player, Quick Learner, Problem Solving skill, Detail Oriented

PROJECTS

Flask Application Deployment on AWS

May'23

Deployed a **CRUD** Flask application on the Amazon Web Services (AWS) cloud platform, utilizing **auto-scaling** EC2 instances for high availability and scalability.

- Configured AWS **Elastic Load Balancer** (ELB) to distribute traffic across the auto-scaled EC2 instances.
- Utilized AWS Identity and Access Management (**IAM**) roles to ensure secure access and permissions for EC2 instances and other AWS services like storage **Amazon S3**, **Amazon DynamoDB** and **CloudWatch**.
- Integrated **Amazon DynamoDB** for efficient database management within the application architecture.

Face Mask Detection Using CNN [GitHub Link](#)

JULY' 23

Convolutional Neural Network (CNN) | Kaggle API | Matplotlib | Sklearn | Numpy | Tensorflow | Keras

- Developed a face mask detection system using Convolutional Neural Networks (CNN), Python, TensorFlow to address the safety concerns for the COVID-19 pandemic
- Achieved an **accuracy rate** of 89% in the detection of Mask.
- Presented project findings to a team of academic professionals and received positive feedback

ACADEMIC AND EXTRACURRICULAR ACHIEVEMENTS

Workshop on AI and ML:

16 May – 20 May

- Participated in a comprehensive workshop of 5 days, on AI and ML concepts and techniques.
- Explored various algorithms, **data preprocessing**, **model building**, and ethical considerations in AI and ML projects.

AWS Cloud Technical Essentials (Coursera)

May'23

<https://coursera.org/share/f2117e0850b82b9b3a849e0b2af0c5ca>

- Completed the AWS Cloud Technical Essentials course on Coursera, gaining foundational knowledge of AWS compute services, **storage**, **database**, **monitoring** and cloud computing concepts.
- Hands-on exercises and assessments were completed, demonstrating practical application of learned concepts.

200+ Coding Problem Solved [LeetCode Profile](#)