# Gaurav Singh Bisht

*Web Dev | Machine Learning | Cyber Security*

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Third-year IT student at RAIT, Navi Mumbai, adept in Machine Learning, Web Development, Cyber Security, and Computer Networking.

## Experience

### Founder and CEO
*July 24- Ongoing*

Agavi Technologies

- Founded a startup that focuses on web development, application development, graphic designing and much more. Targeting small sized businesses and helping them take their business online.

### Technical Chief
*Aug 24- Ongoing*

RAIT ACM Student Chapter

- Holding the position of technical chief at RAIT ACM SC, and international body that is responsible for conducting various events through it's tenure at university level.

### SDE and Python Developer Intern
*July 24- Oct 24*

Sensix Tech Pvt. Ltd.

- Developed full-stack applications using Python, Django, React, and JavaScript for real-time solutions.
- Led the creation of real-time theft detection systems, integrating deep learning models (YOLOv5) into web-based applications.

### Unity Developer
*Dec 23 - Jan 24*

RAIT-ACM

- Developed VR-based guided exercises using Unity and implemented them on Meta Oculus Quest 2, benefiting individuals with locomotive disabilities.

### Naval Cadet
*Jan 22- Sept 22*

National Defence Academy

- Underwent rigorous military and academic training as a Naval Cadet in the prestigious National Defence Academy, Golf Squadron - 147th Course.

## Education

### RAIT Navi Mumbai
*2022- Current*

- B.Tech in Information Technology
- 9.05 SGPA

## Skills

- Python Programming language
- Deep Learning Frameworks: PyTorch, Keras, TensorFlow,
- Data Processing: NumPy, Pandas, Scikit-learn
- Neural Network Architectures: CNNs, RNNs, YOLOv5
- Web Development (HTML, CSS, JS, React)
- Version Control: Git, GitHub, GitLab

## Projects

- Real Time Theft Detection system using custom data set, OpenCV and YOLOv5.
- VR based guided exercises for elderly and people with locomotor disabilities, developed in unity, for Meta VR headsets (Oculus Quest 2/ Quest Pro) .
- Network anomaly detection and smart honeypot deployment, demonstrated on CISCO Packet Tracer

## Major Certificates

- EC Council Ethical Hacking Essentials
- EC Council Network Defense Essentials
- Data Structures and OOP with C++
- Unity 3D and AR-VR Fundamentals

## Competitons

- 1st Position in RAIT AR/VR internship project for winter internship 2023
- 2nd Position in National Level Coding Competition Technothon 2023 (RAIT-ACM, Navi Mumbai)
- Participated in National Level Hackathon Techathon 2024 (AISSMS, Pune)