



ROHITH R

B.TECH ARTIFICIAL INTELLIGENCE AND DATA SCIENCE:2025

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<http://github.com/Riorohith0007>

AREAS OF INTERESTS:

- Data Analyst
- Networking
- System Administrator
- Game Development

TECHNICAL SKILLS:

- C Programming
- Python
- Python with machine learning
- System Administrator in

SERVICENOW

PERSONAL SKILLS:

- Creativity
- Communication Skills
- Teamwork

CERTIFICATIONS

COMPLETED:

01.Python -Infosys

<http://verify.ownswingspan.com>

02.CCNAv7: Introduction to Networks

<https://lms.netacad.com/course/view.php?id=2208483>

03.ServiceNow:Micro-certification.

04.Certified System Administrator && Certified Application Developer (On-Going)

LANGUAGES KNOWN:

	R	W	S
01.Tamil	—	—	—
02.English	—	—	—
03.Telugu			—

OBJECTIVES:

Student with in AI and Data Science, proficient in Python and machine learning. Skilled in programming fundamentals with exploiting data for intelligent analysis. exited in developing AI technology for practical uses.

EXPERIENCE:



Linux Instructor

OCTOBER- 2023

Instructor for advanced linux classes,helps junior students become more profiecient in linux environments by helping them learn shell scripting and complex commands-enabling practical intructions and principles.

EDUCATION CREDENTIALS

Bachelor of technology

2021-2025-PRESENT

Bannari Amman Institute of Technology

B.Tech Artificial Intelligence And Data Science (CGPA-7.94)
up to the 6th semester
(BATCH-2022-2025)

Diploma

2021-PAST

Automobile Engineering (87.94 %)

K.M.G Polytechnic College

Schoolings at

2017-PAST

Oxford Matric Higher Secondary School(79.03 %)

PROJECTS DETAILS:

01.INTELLIGENT TRAFFIC MONITORING SYSTEM

Team Size:06 Members

Established Idea on May 2023

We created a technique to calculate traffic density using input from CCTV cameras at intersections. Made use of YOLO to identify vehicles accurately and categorize automobiles,bikes, buses, and trucks in order to determine traffic density.Created a clever signal switching algorithm that prevented lane starvation by dynamically adjusting green signal timings based on actual traffic circumstances.

Tools used in this projects:[Python](#), [OpenCV](#), [Pygame](#)

CO-CURRICULAR ACTIVITIES

INTERNSHIP:

- Store Soft Solution valachery-Chennai

Title:Database Management

- BAGYAM INDUSTRIES

Title:Innovations in
foundary units

HOBBIES:

- Drawing
- Carrom
- Handball
- Listening music

TOOLS KNOWLEDGE:

- CANVA
- SOLID WORKS

ACHIEVEMENTS

- District level acheived in
ARTIST competition
conducted by -**CODISSIA**
- **100%** Attendance
holder in two semesters

02.RESTAURANT REVIEW SENTIMENT ANALYSIS

Team Size:06 Members

A user-friendly website with sentiment analysis for restaurant evaluations was built using HTML, CSS, and JavaScript. It includes a strong NLP model for reliable sentiment recognition, as well as an interactive interface for simple review entry and results presentation. The website provides a useful tool for customers to swiftly gather information from restaurant reviews.

Tools used in this project:[Python](#), [NLP](#) , [HTML](#) ,[CSS](#), [JS](#)

03.ANTI-LOCKING BRAKING SYSTEM ATTACH WITH POWER STEERING-DIPLOMA

A car's anti-lock braking system (ABS) prevents wheel lockup during braking, helping the driver maintain steering control. ABS applies cadence and threshold braking techniques to keep traction with the road. On dry roads, it improves control and reduces stopping time, but on loose gravel or snow, it can increase stopping distances.

04.INTEGRATING AI WITH CRYPTOGRAPHIC TECHNIQUES FOR ENHANCED MANET'S SECURITY (on-going)

This project attempts to improve the security of Mobile Ad Hoc Networks (MANETs) by combining AI and cryptography approaches. It detects threats using machine learning techniques and communicates securely using cryptographic technologies.

Tools used in this project:

01.**Machine Learning** -[Random Forest](#),[LSTM](#).

02.**Cryptographic tools**-[OpenSSL](#) for encryption and decryption

03.**Simulation Tools**-[NS-3](#) and [OMNeT++](#) for network behavior analysis and security testing.

DATE:

PLACE: