

# AMAN KUMAR SRIVASTAV

B.Tech. - Computer Science & Engineering

Ph: +91-8294090517

Email: bwubta21219@brainwareuniversity.ac.in

Patna, Bihar, India - 800027

LinkedIn: <https://www.linkedin.com/in/aman-kumar-srivastav-aa438b28b>



## BRIEF SUMMARY

Aspiring AI engineer with hands-on experience in building high-accuracy models for real-world applications in healthcare and agriculture. Proficient in Python, TensorFlow, and advanced machine learning techniques, I have successfully completed internships and projects that demonstrate my technical prowess. Notable projects include achieving a 98% accuracy in plant leaf disease classification using CNNs and developing an action recognition system with an 86% accuracy using Tensor Flow. My professional experience includes a virtual internship at CODSOFT, where I enhanced decision-making processes and operational efficiency through advanced machine learning techniques. I am passionate about leveraging AI to solve real-world problems and have participated in the Intel Unnati Industrial Training Program to further hone my skills.

## KEY EXPERTISE

Python Machine Learning Java React.js

## EDUCATION

### Brainware University, Kolkata

2021 - 2025

B.Tech. - Computer Science & Engineering | Percentage: 83.71 / 100

### College Of Commerce, Arts and Science, Patna

2021

12<sup>th</sup> | BSEB | Percentage: 71.80 / 100

### Adarsh Vikas Vidyalaya, Patna

2019

10<sup>th</sup> | CBSE | Percentage: 90 / 100

## INTERNSHIPS

### CODSOFT | IT / Computers - Software

21 Sep, 2023 - 21 Oct, 2023

Machine Learning Intern

**Key Skills:** Machine Learning Artificial Neural Networks

- Delivered solutions that improved decision-making efficiency by 25% based on stakeholder feedback from project stakeholders for delivering solutions that enhanced decision-making processes and improved operational efficiency.
- Utilized advanced anomaly detection methods in the Spam Mail Detection project, achieving a 95% detection rate and minimizing false positives.
- Managed end-to-end project lifecycle from data collection to model deployment, demonstrating proficiency in handling complex machine learning tasks.
- Participated in regular team meetings to discuss project progress, share insights, and address challenges, promoting effective communication and teamwork.
- Took ownership of data preprocessing tasks, ensuring data quality and integrity for accurate model training and evaluation, resulting in reliable predictions.

## PROJECTS

### TeleICU Patient Video Monitoring System

Team Size: 3

**Key Skills:** LSTM ANN Video Processing Frame Annotation Flask YOLOV8s Ultralytics

**Project Link:** <https://github.com/AmanStarLitePro/TeleICU-Patient-Monitoring-System>

Collaborated on Object Detection, Motion Detection, and API Integration for TeleICU Patient Monitoring System.

- Detected various objects and identified motion patterns, particularly in patient-alone or family-accompanied scenarios.

### Gotham News

**Key Skills:** React JS HTML CSS Javascript

**Project Link:** <https://github.com/AmanStarLitePro/Gotham-News>

- Developed a React JS-based news application using NewsAPI to fetch real-time news headlines.
- Integrated React Router, dynamic props, and Bootstrap for responsive design and routing.
- Implemented category-based filtering and clean card-based UI for user-friendly experience.

iNotebook

Key Skills: React JS MongoDB NodeJS Express.js

Project Link: <https://github.com/AmanStarLitePro/iNotebook>

- Full-stack cloud notes app built with React, Node.js, Express, and MongoDB
- Secure JWT authentication with real-time create, edit, and delete notes
- Responsive Bootstrap UI with cloud-backed storage for anytime access

SEMINARS / TRAININGS / WORKSHOPS

Unnati Industrial Training Program Institute Name: Intel 20 May, 2024 - 30 Jun, 2024

PERSONAL INTERESTS / HOBBIES

- Playing Games in Free Time

WEB LINKS / IMs

- WhatsApp - 8294090517
- Github - <https://github.com/AmanStarLitePro/>
- Personal - <https://aman-kumar-srivastav-portfolio.netlify.app/>

PERSONAL DETAILS

**Gender:** Male

**Marital Status:** Single

**Current Address:** Adarsh Vihar Colony, Ramkrishna Nagar,  
Patna, Bihar, India - 800027

**Email:** bwubta21219@brainwareuniversity.ac.in

**Date of Birth:** 08 Nov, 2004

**Known Languages:** Hindi, English

**Phone Number:** +91-8294090517