

# Priyam Sekra

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## Software Engineer

### Education

#### NMIMS Shirpur (MPSTME)

Jul 2021 - July 2026

Master of Business Administration in Technology (MBA TECH), Computer

Science Overall GPA: 3.54/4 (3<sup>rd</sup> Year)

Course Work: DSA, Machine Learning, Artificial Intelligence, Data Mining, Business Analytics for Decision Making

### Skills

|              |  |
|--------------|--|
| Languages:   | Python, No-SQL, MongoDB  |
| Tech/Tools:  | AI, Machine Learning, Django, Data Science, Computer Vision, Deep Learning, GitHub |
| Core Skills: | Machine Learning, AI, Django, Analytical Thinking, Excellent Communication skills  |

### Internship/Part-time

#### Chikitsa.io

AI/ML Intern

Jaipur, Raj

June 2023 - July 2023

- Internship experience was primarily focused on the Cybersecurity and Health tech sectors.
- Built a user interaction based news recommendation system using multiple AI algorithms and machine learning.
- Built a automated software using machine learning to send personalized user's interests based system emails.
- Developed a AI based social engineering attack monitor to track social engineering attacks.
- Developed a automated AI software for domain typo squatting and data breach monitor.

### Freelance

AI/Software Developer

Mumbai, MH

July 2023 - Present

- Developed a **Driver Behavior Analysis** software using various AI and computer vision algorithms to assess and enhance road safety. The project include tailgating detection, rash driving detection, driver fatigue alert system, seatbelt and phone usage detection.
- The solution was further optimized and made compatible with Hailo AI Processor.
- Reduced the client's project cost by approximately 35% by utilizing camera feed instead of sensors.

### Major Projects

#### ResQNotify: AI-powered crash detection and emergency response system

Aug 2023 – Oct 2023

- Developed an AI-powered **Car Crash Detection system** with wireless raspberry pi dash cam integration that rapidly identifies real-time accidents, triggering prompt emergency responses to notify user's emergency contacts and local helplines.
- Developed a **live training model** that automatically and continuously trains on the user's incoming data, incorporating a learning element. This facilitates the model in becoming specific to user data and improving its accuracy.

#### Automated Employee Cybersecurity Training System

Jun 2023 – Aug 2023

- Developed an AI-powered Employee Cybersecurity Training Software, now actively employed by aais.ai
- Developed machine learning model that creates phishing simulations based on each user's interests and role, ensuring they can recognize and respond to real Cybersecurity threats.
- Incorporated robust error handling mechanisms to safeguard the product from wear and tear, optimizing its performance. Conducted alpha and beta testing on the software to identify and address potential errors for future resolution.

### Research Work

- **Best Paper Award** at ICDTV 2030 (International Conference on digital technology and vision) based on research ideation and presentation.

### Extra-Curricular Activities

- Semi-finalist at Eureka 2024, IIT Bombay – India's Buggest Business Model Competition.
- Hosted a two-day Chatbot Bootcamp focusing on enabling participants to swiftly build chatbots.
- Hosted an Augmented Reality workshop focusing on enabling participants build superimposition-based AR.