Priyam Sekra

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Software Engineer

Education

NMIMS Shirpur (MPSTME)   May 2026
Master of Business Administration in Technology (MBA TECH), Computer Science
Overall GPA: *3.54/4 (3rd Year)*
Course Work: DSA , Machine Learning, Artificial Intelligence, Data Mining, Business Analytics for Decision Making, Deep Learning

St. Xavier's School, Jaipur   Jul 2021
Senior Secondary
Overall Grade: 79%
Course Work: Physics, Chemistry, Mathematics, Information Practices (Python)

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   Jaipur, Raj
AI/ML Intern   *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   Mumbai, MH
AI/ Software Developer   *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.
- Constructed an efficient system by incorporating cutting-edge models like Midas depth estimation, Yolov7, and Yolov5.

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
- 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 by conducting alpha and beta testing.

Extra-Curricular Activities

- Hosted a two-day **Chatbot Bootcamp** focusing on enabling participants to swiftly build chatbots.
- **Semi-Finalist at IIT Bombay's Eureka**, India's largest business model competition.
- **Tech Lead** in the App Development Club, responsible for teaching and conducting workshops.