

SUMONA BANERJEE

☎+91 9395177039 | ✉sumonabanerjee117@gmail.com | 🏠 Jaipur, Rajasthan

🌐LinkedInIn: <https://www.linkedin.com/in/sumona-banerjee-9b2405285> | 🐙GitHub : <https://github.com/sumona-banerjee>

EDUCATION

University of Engineering and Management, Jaipur
B.Tech. in Computer Science and Engineering (A.I.M.L) - CGPA: 7.6
Kendriya Vidyalaya HPCL, Jagiroad
Class 12th - Percentage- 80%

2021–2025
Jaipur, Rajasthan
2020–2021
Jagiroad, Assam

PROFESSIONAL EXPERIENCE

Requin Solutions Private Ltd.

Jaipur, Rajasthan

Technical Researcher Intern

Dec 2023–Jun 2024

- **Application Development Planning:** Created high-fidelity and low-fidelity prototypes, managed resources, and followed Agile SDLC practices.
- **Project Management Planning:** Developed Gantt charts and time schedules, facilitated sprint reviews, and applied lean canvas principles.
- **AI Research:** Conducted strategic research on AI implementation and addressed compliance and safety concerns.

Python Developer

Jul 2024 – Jan 2025

- **Python Development:** Built multiple models tailored to client requirements with a focus on efficiency and performance.
- **Code Debugging:** Identified and resolved critical defects and vulnerabilities in code, enhancing software stability and security.

PROJECTS

Hostel Incident Management System 🔄

- Developed a web-based platform using HTML, CSS, MySQL, and PHP for managing student and warden incident reports.
- Implemented role-based authentication and dashboards for students, wardens, chief warden, registrar. Designed a workflow for incident creation, approval and fine payment tracking.

Audiobook Creation 🔄

- Developed a Python script to convert PDFs into audiobooks using text-to-speech.

TechHub (Front-End Prototype) 🔄

- Built UI using HTML, CSS, JavaScript, and PHP for a developer community hub.

Human Detection (OpenCV) 🔄

- Implemented real-time face detection tool using OpenCV.

Face Attendance System 🔄

- An automated attendance system that leverages facial recognition technology.

TECHNICAL SKILLS

Programming Languages: Python, Java, C, HTML, CSS, PHP, MySQL

Web Development: HTML, CSS, PHP, JavaScript, React, Django, Node.js

AI & Machine Learning: TensorFlow, OpenCV, Pandas, NumPy, Supervised/Unsupervised Learning, NLP

Tools & Technologies: GitHub, Agile, SDLC, Gantt Charts, Speech Recognition

Core Subjects: DSA, OOP, Operating Systems, DBMS, Computer Networks

CERTIFICATIONS AND ASSESSMENTS

- | | |
|---|----------------------------------|
| • Oracle Cloud Infrastructure 2023 AI Certified Foundations Associate | <i>Oracle -2023</i> |
| • Introduction to Digital Marketing | <i>Infosys – 2025</i> |
| • Data Analytics & Visualization Job Simulation | <i>Accenture-2025</i> |
| • Python for Data Science | <i>IIT Madras -2023</i> |
| • Real Time Operating System | <i>IIT Madras - 2025</i> |
| • AWS Academy Cloud Foundations | <i>Amazon Web Services -2023</i> |
| • AWS Academy Machine Learning Foundations | <i>Amazon Web Services -2023</i> |
| • AI for Beginners | <i>HP LIFE - 2024</i> |
| • Hacker Rank Skill Certificates for CSS, Python (Basic) | <i>Hacker Rank -2023</i> |
| • The Joy of Computing Using Python | <i>IIT Madras -2022</i> |
| • Social Networks | <i>IIT Madras -2022</i> |
| • AMCAT | <i>2025</i> |
| ○ Overall: 95.5 Percentile | |
| • TCS NQT | <i>2025</i> |
| ○ Cognitive Skills: 71.9% | |
| ○ Advanced Cognitive: 80.74% | |
| ○ Programming: 68.15% | |
| • CoCubes | <i>2025</i> |
| ○ Overall: 530 score (78 Percentile) | |

LANGUAGES

English, Hindi, Bengali, Assamese