

PROFESSIONAL SUMMARY

- "Results-oriented professional with expertise in solving complex challenges through machine learning, data analysis, and programming. Adept at quickly mastering new technologies and delivering high-quality solutions in fast-paced environments. Proficient in maintaining consistency, ensuring thorough project completion, and persevering until objectives are fully achieved."

EDUCATION

B.Tech in Computer Science, Centurion University of Technology and Management (CUTM) *continues*
Pursuing third year coursework with a focus on Artificial Intelligence, Data Science, and Computer Vision
Current CGPA: 8.52 / 10
12th Grade (Science), Gyana Vikash Junior College *2020*
Secured 76% in CHSE Board Examination (Odisha)

PROJECTS

Academic Research – GenAI Millet Disease Detection *CUTM, 2025*

- Developed a deep learning model using Generative AI for early detection of finger millet leaf diseases.
- Conducted image preprocessing, augmentation, and classification using CNN architectures.
- Achieved high accuracy in real-time disease identification for farmer support and crop health monitoring.

Hackathon Project – Personalized Learning Platform *CodeFort Althon, 2024*

- Built an AI-powered learning app with features like adaptive content, emotion-based feedback, and gamification.
- Integrated webcam-based learner activity monitoring for real-time engagement tracking.
- Designed microlearning modules and mentor chat systems for personalized support.

Freelance Projects – Detection Systems and More *Remote, 2023 – Present*

- Completed mini-projects involving object detection, anomaly detection, and activity recognition.
- Built lightweight models and simple web interfaces for automation and security applications.
- Delivered functional prototypes with deployment support and proper documentation.

EXPERIENCE

Team Lead – CodeFort Althon Hackathon *Mar 2025*

- Lead a team in developing an **AI-powered Personalized Learning Platform** featuring AI tutors, gamification, and emotional feedback for adaptive learning.
- Integrated **webcam-based learner activity detection** using computer vision to monitor engagement and pause content during distractions.

TECHNICAL SKILLS

Languages: Python, SQL, JavaScript, HTML, CSS, R, Java

Tools Technologies: Power BI, AWS, Jupyter Notebook, PyCharm, VS Code, GitHub, LaTeX, Google Colab, Pandas, NumPy, Scikit-learn, TensorFlow, Keras

CERTIFICATION

- NPTEL Course on The JOY of Computing Using Python** *2024*
- CodeFort Althon Hackathon Participant** *2025*

EXTRA-CURRICULAR ACTIVITIES

- Food Stall Organizer**, University Fest – Managed inventory, pricing, and customer service, resulting in high engagement and profit.
- Badminton Coordinator**, Intra-University Sports Meet – Coordinated matches, schedules, and ensured fair play among 50+ participants.
- Event Organizer**, Technical Cultural Programs – Led planning and execution of multiple student-led events, enhancing teamwork and time management skills.