**SOUNDARYA DUBE**

Udaipur, Rajasthan | P: +91 7737190027 | soundaryadube981@gmail.com|[LinkedIn](https://linkedin.com/in/soundarya-dube-023172251) | [GitHub](https://github.com/SoundaryaDube)

**EDUCATION**

**VIT BHOPAL UNIVERSITY** Bhopal, Madhya Pradesh

Bachelor of Technology Expected Sept 2026

Major in Computer Science; Minor in Health Informatics

Cumulative GPA: 8.42/10.0; Dean’s List 2015-2016

Relevant Coursework: Data Analysis, Machine Learning; Operating Systems; Algorithms; Artificial Intelligence

**ASCENT INTERNATIONAL SENIOR SECONDARY SCHOOL** Udaipur, Rajasthan

12th  (Rajasthan board of secondary education) = Science (Physics, Chemistry and Biology)

**ST. TERESA SENIOR SECONDARY SCHOOL** Udaipur, Rajasthan

10th  (Central board of secondary education) = Science, Mathematics, Social studies, English, Hindi

**UNIVERSITY PROJECTS**

**HEALTH CARD SYSTEM** May 2025

* A **health card** for recording patient history can be implemented as a **digital health record system**. In India, the **Ayushman Bharat Health Account (ABHA)** provides a **14-digit unique ID** that securely stores medical records and allows patients to access and share their health data digitally.
* It records Patient History, Laboratory Records, Radiology Reports, and Prescriptions.

**SURGICAL ASSISTANCE** Dec 2024

* Medical Image Segmentation to segment medical images for diseases detection.
* Techniques: Deep Learning, TensorFlow, and PyTorch

**PREDICTIVE ANALYSIS FOR CARDIOVASCULAR DISEASES** Jul 2024

* A predictive model using ECG data for early detection of cardiovascular diseases.
* Techniques: Logistic Regression, SVMs, Random Forest
* Achieved 85% accuracy, reducing misdiagnoses by 20%.

**ACTIVITIES**

**METAVERSITY CLUB** VIT Bhopal, MP

Head of PR Team Feb 2025

* Align messaging by collaborating with marketing and leadership while tracking performance with analytics. Strengthen visibility through strategic communication, media relations, and effective crisis management.

**INDUSTRIAL CONCLAVE**  VIT Bhopal, MP

Head of Project Team Aug 2024

* Medical image analysis for Diabetic Retinopathy

**ADDITIONAL**

**Technical Skills**: FastAPI, Flask, Django, WebSocket, TensorFlow, PyTorch, OpenCV, Keras, BERT, Google Cloud Platform (GCP) - Deployment and Monitoring, MongoDB (NoSQL), basic SQL, API Development, Real-Time Systems, RESTful Services, Scalable code architecture.

**Languages:** Python, C++, Java

**Certifications & Training:** [HTML, CSS, and JavaScript for Web Developers,](https://coursera.org/share/20c7dfebf9cdb3ce9ee6a9b6a39dab7a) [Crash Course on Python](https://coursera.org/share/06b04b36325649ccc0515f84b1bb04de) (Coursera), [Computer Vision,](https://vityarthi.com/certificate/XFKTI369waHs) [Fundamentals of AI and ML,](https://vityarthi.com/certificate/bm6qLrgMZkFp) [Python Essentials](https://vityarthi.com/certificate/ofmkXV7l1CUB) (VITyarthi)