

# Rutwik Muley

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## EDUCATION

### G.H. Raison College of Engineering and Management

*Bachelor of Technology in Artificial Intelligence; CGPA: 8.96/10.0*

Nagpur, India

2023 – 2027 (Expected)

### Champavati Junior College

*Higher Secondary Education (HSC); Percentage: 78.5%*

Beed, India

2020 – 2022

## PROJECTS

### Gondi WordNet | *Python (Flask), PostgreSQL, NLP, Render*

- Engineered a comprehensive WordNet for the Gondi language to support linguistic research efforts.
- Designed and implemented a full-stack website using Python and a PostgreSQL database for efficient data retrieval and user interaction.
- Deployed the live project on Render, accessible here: [gondi-wordnet.onrender.com](https://gondi-wordnet.onrender.com)
- Authored the corresponding research paper, which was published by the IEEE (see Publications).

### Endless Cube Runner Game | *Unity3D, C#*

- Developed a complete 3D endless runner game from concept to completion using Unity3D and C#.
- Managed the entire development lifecycle within a one-week workshop, demonstrating rapid prototyping.
- Published the final game to itch.io, available here: [ruts558.itch.io/endless-cube-runner](https://ruts558.itch.io/endless-cube-runner)

## PUBLICATIONS

### Gondi WordNet | *IEEE Xplore*

Dec 2024

- Authored a research paper on the development and implementation of the Gondi WordNet.
- Published in the proceedings of the **2024 International Conference on Artificial Intelligence and Quantum Computation-Based Sensor Application (ICAIQSA)**.

## TECHNICAL SKILLS

**Languages:** Python, C, C#, HTML/CSS, SQL

**Databases:** PostgreSQL

**Developer Tools:** Git, GitHub, Unity3D, Google Colab

**Cloud & Deployment:** Supabase, Vercel, Render

**Areas of Interest:** Artificial Intelligence, Machine Learning, Backend Development, NLP

## ACHIEVEMENTS & EXTRACURRICULARS

Completed 2 levels of examination in Indian Classical Music (Harmonium), demonstrating nine years of disciplined practice.