

Varaprasad Rakoti

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EXPERIENCE

AI & ML INTERNSHIP | BHARATH VERSITY

May 2025 – July 2025 | Remote

- Worked on **User Profiling and Segmentation** with a 1000-user dataset.
- Applied K-Means clustering and created detailed visual reports.
- Tools: Python, Pandas, Matplotlib, Seaborn.

DEEP LEARNING INTERNSHIP | SHAMGAR SOLUTIONS

Mar 2025 – Apr 2025 | Remote

- Trained CNN and Transfer Learning models using TensorFlow and Keras.
- Built image classification models and worked on digit recognition tasks.

FRONTEND INTERN | MICRO INFORMATION TECHNOLOGIES

Feb 2025 – Mar 2025 | Hybrid

- Developed a customer analytics dashboard using Streamlit and Pandas.
- Practiced Agile workflow, Git-based collaboration, and prototype reviews.

PROJECTS

USER PROFILING AND SEGMENTATION | AI & ML PROJECT

May 2025 – July 2025

- Analyzed a dataset of 1000 users containing demographic, behavioral, and interest features.
- Applied K-Means clustering to segment users for targeted personalization.
- Used PCA for dimensionality reduction and visualized insights using Seaborn and Matplotlib.
- Tools: Python, Pandas, Scikit-learn, Seaborn, Matplotlib.

COLLABUNITE WEBSITE | FOUNDER & DEVELOPER

Jan 2025 – Present

- Website for sustainable development collaboration across sectors.
- 'Opportunities Hub' shares live updates on jobs and funding.
- Built with HTML, CSS, JS, Firebase.

TEXT-TO-VIDEO GENERATOR | PERSONAL PROJECT

Mar 2025 – Apr 2025

- Pipeline to scrape college websites and auto-generate narrated videos.
- Used Python, BeautifulSoup, gTTS, OpenCV, FFMPEG.

EDUCATION

SRI SIVANI ENGINEERING COLLEGE

B.TECH IN AI & ML

2022 – 2026 | JNTU, Andhra Pradesh

Score: 70%

RABINDRABARATHI JR. COLLEGE

INTERMEDIATE (MPC)

2019 – 2021 | BIEAP

Score: 77%

KERALA ENGLISH MEDIUM SCHOOL

SSC

2018 – 2019

Score: 98%

SKILLS

LANGUAGES

Python • C • Java • HTML/CSS •
JavaScript • DBMS

TOOLS & TECH

Git • Firebase • FFMPEG •
BeautifulSoup
OpenCV • Pandas • Matplotlib •
Seaborn
TensorFlow • Keras • Streamlit •
Scikit-learn

CONCEPTS

Machine Learning • Deep Learning
Web Dev • Data Analysis • Automation

COURSEWORK

AI & Machine Learning
Deep Learning
Data Structures & Algorithms
Operating Systems
Computer Networks
DBMS

LINKS

GitHub:// [vararakoti77](#)

LinkedIn:// [varaprasad-rakoti](#)