

YASHASWINI IPPILI

Computer Science and Engineering Undergrad, PES University, 5th Semester

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EDUCATION

PES University

2021 – 2025

B.Tech, CSE (MIDS - Machine Intelligence & Data Science) - 8.52/10.00 (3.41/4.00) Bengaluru, India

- **Relevant Coursework :** Statistics for Data Science, Data Analytics, Big Data, Machine Intelligence

EXPERIENCE

Exam Trakker 📄

June 7, 2023 – August 7, 2023

Front End Web Developer

Remote

- **Technologies Used :** Angular, NX, VCS
- Summer Internship at Exam Trakker (2 months), following the completion of 4th semester.
- Developed the front end along with content curation and fixed numerous active glitches while undergoing through rigorous testing.

TECHNICAL SKILLS

Languages: Python, C, C++, JavaScript, SQL, R, HTML/CSS, MATLAB

Developer Tools: Visual Studio Code, Sublime Text, Git, Chrome DevTools, Bitbucket, Jira, Confluence, Jupyter Notebooks, Postman, Wireshark, Selenium

Technologies/Frameworks: Bootstrap, ReactJS, NodeJS, ExpressJS, MongoDB, Angular, Django, Flask, Hadoop, Spark, Kafka, Hive, PyTorch

Coursework: CS50AI Introduction to Artificial Intelligence with Python, A Beginner's Guide to Linux Kernel Development (LFD103), Supervised Machine Learning

PROJECTS

Generative AI Chatbot 📄 | Python, Llama2, Huggingface, Langchain, Transformers, Selenium

2023

- Processed thousands of GEHC-related PDFs by automating the download, text extraction, merging, & cleaning.
- Utilized the cleaned data to train a multilingual bot capable of answering questions about installations, manuals, services, and maintaining auto-updated transcripts.

Fake News Detection 📄 | Python, scikit-learn

2023

- Collected, preprocessed, and analyzed a dataset of 24,000 fake news articles and 21,000 real news articles.
- Engineered numerical features using TF-IDF vectorization and achieved a 95% accuracy rate with a Multinomial Naive Bayes classifier.

Spam Detection in YouTube Video Comments 📄 | LIME, SHAP, Python

2022

- Established a spam detection system using LIME and SHAP techniques to differentiate between spam and legitimate comments.
- Improved comment moderation with a precision rate of 90%.

POSITIONS OF RESPONSIBILITY

Club Head, The Alcoding Club : Successfully organized and conducted 10+ hackathons with 40+ teams.

Co-Tangent, Shunya : Successfully hosted Ideathons, Hackathons, and other events with 300+ participants.

Web Developer, AIKYA : Developed the official website in collaboration with a team of 5+ members.

Operations, Apple Developer's Group : Managed the team and ensured the smooth functioning of the club.

ACHIEVEMENTS

Distinction Award Scholarship: For securing an SGPA of 7.75+

Won 2nd in the "National Level Workshop in Graph Theory" held at Mount Carmel College.

Runner Ups (Top 3 Nationalist Final Teams): Hack'E'lth'23 hosted by General Electric.

Finalist Team: NASA Space Settlement Project - Optimizing Lagrange Point Locations for Space Inhabitation

Top 8 teams: (out of 60+ teams) in the 24-hour TERRATHON Hackathon & AIKYA Hackathon

EXTRACURRICULARS

Languages: English, Telugu, Kannada, Hindi, Spanish(Basic)

Sports: Inline Skating, 5k running, Basket Ball, Badminton, Swimming

Hobbies: Collecting stamps & currency, Exploring new cuisines, Photography, Music enthusiast, Reading books