

JEEVANDAS M S

jeevandasms2004@gmail.com

GitHub: jeevandas-jd

Second Year Undergraduate, Integrated MSc in Computer Science, CUSAT, Kochi, India



Education

Cochin University of Science & Technology (CUSAT)

Integrated Bachelor's + Master's Program (BSc + MSc) in Computer Science

Expected Graduation: 2028

Relevant Courses: Mathematics for Machine Learning, Operating Systems, Object-Oriented Programming, Data Structures, Mathematics for Data Science, Theory of Computation, Algorithms, Machine Learning

Projects

Babylon (Hackathon Project, Team Lead)

October 2024

- AI-powered educational platform using Django, designed for personalized learning and academic support.
- Implemented ML models for recommendation systems and NLP-based text summarization.
- Collaborated with a team to present the project at a hackathon with focus on usability and scalability.

Web Crawler: DataCollector

August 2024

- Developed a web crawler to scrape disease-related data from the Mayo Clinic website using Python.
- Utilized libraries such as BeautifulSoup and Scrapy for efficient data extraction and parsing.
- Ensured high data quality for downstream machine learning applications.

ICU-Digital Twin (Hackathon Project)

September 2024

- Designed a digital twin of ICU systems to allow real-time patient monitoring by family members.
- Built a dashboard using Django for visualization of vital signs and alerts.
- Incorporated features for future scalability in hospital environments.

Pheromone Farancy (Introductory Project)

November 2024

- Explored pheromone-based optimization algorithms inspired by ant colony behavior.
- Implemented basic pathfinding simulations to understand pheromone communication.
- Gained insights into algorithmic optimization for potential real-world applications.

Skills

Programming: Python, C++, Java, C, Django, HTML, CSS

Machine Learning: TensorFlow, scikit-learn, Hugging Face, NLTK

Tools: Pandas, NumPy, Scrapy, BeautifulSoup

Interests

- Passionate about aviation as a hobby.
- Enthusiastic about AI/ML research, including collaborative and hackathon projects.
- Interested in exploring cutting-edge technology and software solutions.