CHRIS JAMES

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PROFESSIONAL SUMMARY

A Computer Science Engineering graduate with a solid foundation in web development, machine learning, and Al applications. Experienced in building Al-powered solutions, including a Virtual Dietician Chatbot and a Flood & Landslide Safety Prediction System. Proficient in Python, Django, and geospatial analysis, with hands-on experience in real-world problem-solving and a strong commitment to innovation and team collaboration.

ACCADEMIC PROJECTS

Mini Project, Virtual Dietician Al Chatbot

- Vice-Captain of the team.
- Developed a chatbot-based website that provides personalized dietary advice using HTML, CSS, JavaScript, Python, and NLP.
- Gained hands-on experience in web development and chatbot programming, and strengthened problem-solving skills related to user experience design.

Main Project, Flood and Landslide Safety Prediction System

- · Vice-Captain of the team.
- Developed a machine learning model to predict safe or unsafe zones for floods and landslides based on environmental data.
- Gained skills in machine learning, data preprocessing, Python programming, and geospatial analysis, while optimizing predictive models for real-world environmental safety applications.

KEY SKILLS

Programming Languages: Python (intermediate), JavaScript (beginner), HTML, CSS, SQL(Intermediate)

Technologies: Natural Language Processing (NLP), Machine Learning, Django, Flask framework

Soft Skills: Problem-solving, Analytical Thinking, Team Collaboration

Data Analysis: Predictive Analysis, Diagnostic Analysis, Descriptive Analysis

EDUCATION HISTORY

- Bachelor of Technology in Computer Science Engineering, November 2021- graduated 2025 KTU university
- Higher Secondary Examination (12th), Kerala State Board, 2019 2020
 Eligible for Higher Studies with Computer Science
- Secondary School Leaving Certificate Examination (10th), Central Board Secondary Education, 2017 2018.

CERTIFICATION

• Data Analysis Course, Ask Questions to Make Data-Driven Decisions,

Gained skills in problem-solving techniques, data-driven decision-making, spreadsheet proficiency for data organization, and structured thinking for complex problem analysis. https://coursera.org/verify/AKC87FM6C868

• Python, HackerRank course

Gained intermediate-level proficiency in Python, covering topics such as object-oriented programming, error handling, file I/O, data structures (lists, dictionaries, sets), and modules. https://www.hackerrank.com/certificates/3278f9d20546

• Django Workshop

Learned core concepts like MVC architecture, URL routing, views, models, and templates. Built simple web applications to apply foundational Django principles and gain back-end development experience.

ADDITIONAL INFORMATION

Known languages:

- 1. Malayalam
- Native or bilingual proficiency
- 2. English
- Elementary proficiency
- 3. Hindi
- Elementary proficiency