

PRIYANKA DATTA

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EDUCATION

DAYANANDA SAGAR UNIVERSITY

Bachelor of Technology

Computer Science Engineering

Cumulative GPA: 7.09

Relevant Coursework: Web Development, Software Engineering, Operating Systems, Algorithms, Machine Learning

Bangalore, KA

Expected Aug 2025

PROJECTS

MNEMOSYNE

Aug 2024

- Engineered a full-stack, AI-powered journal application enabling users to create, store, and perform semantic searches on journal entries.
- Implemented advanced AI functionalities, enhancing user experience through intelligent search capabilities.
- Technologies Used: Next.js, Tailwind CSS, LangChain, Groq AI, Pinecone, Prisma DB

CROP CONNECT

Apr 2024

- Collaborated on the development of an agriculture platform offering various services, including:
- Disease Detection: Applied deep learning models to identify plant diseases.
- Crop Suggestion: Recommended suitable crops based on environmental conditions.
- Fertilizer Recommendation: Leveraged NPK soil analysis to recommend fertilizers, which enhanced crop yield predictions.
- Technologies Used: Python, Jupyter Notebooks, HTML/CSS, Convolutional Neural Networks (CNN)

GREEK MYTHOLOGY QUIZ

Mar 2024

- Developed and designed a web application integrating an external API to administer multiple-choice quizzes on Greek mythology.
- Technologies Used: HTML, CSS, JavaScript

FOOD EXPIRY PREDICTOR

Jun 2023

- Engineered a machine learning system to classify fresh and expired produce and predict product expiration dates.
- Achieved high accuracy in image classification, effectively reducing food waste through timely predictions.
- Technologies Used: Python, TensorFlow, Keras, NumPy, OpenCV, Matplotlib, Convolutional Neural Networks (CNN) for image classification

CERTIFICATIONS

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| • AWS Knowledge: Cloud Essentials (Amazon Web Services) | May 2024 |
| • Intro to Machine Learning (Kaggle) | Dec 2023 |
| • Java Programming for Complete Beginners (Udemy) | Dec 2023 |
| • Machine Learning and Data Science Bootcamp (Udemy) | Nov 2023 |
| • Hadoop Foundations - Level 1 (IBM) | Mar 2023 |
| • Cloud Essentials (IBM) | Jan 2023 |

ADDITIONAL

Technical Skills: Python, JavaScript, C, MySQL, Tailwind CSS, Tensorflow, Scikit-Learn, Figma, Next.js, React

Awards: Secured third place overall and first place in the innovative interface round in Code-A-Bit held by Department Of CSE, DSU (Mar 2024)

Languages: Fluent in English, Hindi