

CHINMOY SAIKIA

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Education

ENGINEERING

Aug 2022 - Present

J.S.S. ACADEMY OF TECHNICAL EDUCATION BANGALORE

Overall Grade: 8.76 (Until 5th SEM)

10TH

Army Public School Narangi

Guwahati, Assam
Apr 2019 - Jul 2020

12TH/PUC

Army Public School Narangi

Guwahati, Assam
Apr 2021 - Jul 2022

Projects

INVENTORY MANAGEMENT MODEL USING TRANSFER LEARNING

Dec 2024 - Apr 2025

The purpose of this mini project, in accordance with the guidelines set by VTU, where we chose to develop an inventory management system utilizing deep learning approaches, with a specific focus on transfer learning. The primary objective of this project is to establish a reference model that optimizes stock levels, ensuring the prevention of product overstock or shortages. Additionally, the project aims to minimize storage costs and maximize sales opportunities, contributing to overall operational efficiency.

Machine Learning

Deep Learning

Python

AQI Prediction using Machine Learning

Mar 2025 - Mar 2025

This project focuses on predicting the Air Quality Index (AQI) using machine learning.

Python

Machine Learning

VERIFIKA – AI-Powered Fake News Detection WebApp

Mar 2025 - Mar 2025

In a digital age where truth is buried beneath waves of misinformation, VERIFIKA (Fake News Detector) stands as the last sentinel, cutting through deception with relentless precision.

Python

JavaScript

React.js

Machine Learning

Skills

Frontend: HTML, CSS, JavaScript, React.js

Backend: Node.js, Express, Python, Django, Flask, Java, RESTful APIs

Database: MySQL, PostgreSQL, MongoDB

DevOps / Cloud: AWS (EC2, S3, Lambda, etc.), Azure, GCP, Docker, Kubernetes, CI/CD (GitHub Actions, Jenkins)

Operating Systems: Linux (Ubuntu), Bash scripting

Tools & Others: Git, GitHub/GitLab, VS Code, Postman, JIRA

Certifications

Google AI Essentials

Jun 2024 - Jun 2024

Coursera

Google AI Essentials is a self-paced course designed to help people across roles and industries get essential AI skills to boost their productivity, zero experience required. The course is taught by AI experts at Google who are working to make the technology helpful for everyone.

Machine Learning

Python

AI Artificial Intelligence with Python

Dec 2024 - Dec 2024

Infosys Springboard

Artificial intelligence is the simulation of human intelligence through machines and mostly through computer systems. Artificial intelligence is a sub field of computer. It enables computers to do things which are normally done by human beings. This course is a comprehensive understanding of AI concepts and its application using Python and iPython.

Python

Machine Learning

Generative AI Landscape

Dec 2024 - Dec 2024

Infosys Springboard

This course provides a comprehensive exploration of the Generative AI landscape, focusing on the diverse applications and use cases of Generative AI technologies. You will delve into the world of artificial intelligence-powered creativity and innovation, gaining insights into how Generative AI is transforming various industries and domains. Throughout the course, you will study real-world examples and case studies that demonstrate the practical applications and creative potentials of Generative AI. They will examine how AI algorithms generate realistic images, compose music, synthesize human-like text, and create immersive virtual environments.

Python

Machine Learning

MongoDB for SQL Experts

Mar 2024 - Mar 2025

MongoDB

MongoDB

Database Management Systems

Artificial Intelligence Search Methods For Problem Solving, IIT Madras

Mar 2025 - Present

NPTEL/VTU ONLINE

For an autonomous agent to behave in an intelligent manner it must be able to solve problems. This means it should be able to arrive at decisions that transform a given situation into a desired or goal situation. The agent should be able to imagine the consequence of its decisions to be able to identify the ones that work. In this first course on AI we study a wide variety of search methods that agents can employ for problem solving. In a follow up course - AI: Knowledge Representation and Reasoning - we will go into the details of how an agent can represent its world and reason with what it knows. These two courses should lay a strong foundation for artificial intelligence, which the student can build upon. A third short course - AI: Constraint Satisfaction Problems - presents a slightly different formalism for problem solving, one in which the search and reasoning processes mentioned above can operate together.

Python

Machine Learning