PRAKHAR MISHRA

Passionate about AI and Machine Learning technologies.

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⊙ prakharmishra263139

EDUCATION

Vellore Institute of Technology , Amravati , Andhra Pradesh

Bachelor's of Technology in Computer science with Specialization in AI and ML   2021 - 2025

CGPA-8.07

Intermediate-Bhartiyam International School

PCM - 76.2%   2020 - 2021

HighSchool-Beersheba Senior Secondary School

Science - 94.2%   2018 - 2019

SKILLS

Language-Java , HTML ,CSS
Libraries-Numpy, Pandas, Maplotlib , Sea Born
DataBases-MySQL
Tools-Docker, Kubernetes Eclipse, Intellij, VS Code, Git , Chatbase, Notion, Canva, BlacboxAI, Perplexity.

COURSE WORK

System Design | Data Structures and Algorithms | Object Oriented Programming | Database Management System

PROJECTS

KNOW ABOUT DEVBHOOMI ↗   April 2025

Objective-Built responsive website to promote tourism in Uttarakhand, showcasing its natural beauty, religious sites, and local cuisine.
- Implemented a multi-page architecture using **HTML, CSS, Bootstrap**, and **JavaScript**, featuring sections for destinations, food.
- Created dynamic **UI components**, such as **image grids** and hover effects, to showcase Uttarakhand's attractions, with **links** to Google Maps for seamless navigation to key locations.
- Incorporated a chatbot using **Chatbase.co iframe** to provide interactive user support.

FAST PREP AI ASSISTANT ↗   June 2025

Objective-To develop an AI-powered DSA tutor that helps freshers and graduates to revise Data Structures and Algorithms efficiently through structured, topic-wise practice
- Built a **responsive web application** with a **sidebar-organized curriculum** covering key DSA topics
- Designed an intuitive UI with **dark/light mode**, **voice input**, **searchable topic lists**, and **click-to-ask questions**- for seamless navigation.
- Integrated **Google's Gemini AI API** to generate real-time explanations & Code, problem-solving strategies.
- Implemented a **strict system instruction** to ensure the bot only responds to DSA-related queries

ONLINE RETAIL ANALYSIS ↗   March 2025

Objective-Performed exploratory data analysis (EDA) on the Online Retail dataset to derive business insights.
- Data preprocessing, **cleaning**, and **handling missing** values.
- Exploratory **Data Analysis** (EDA) to uncover trends in sales and customer behavior.
- Data **visualization** using Matplotlib to represent sales **patterns**
- Performance optimization for efficient **data processing.**

CERTIFICATE

Google Cloud Computing Foundations ↗