Ketan Chaudhary

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Education

University Institute of Engineering and Technology   *Chandigarh*
Bachelor of Engineering in Information Technology   *2021 – 2025*
- CGPA: 8.12

DR M K KAPUR ARYA MODEL SCHOOL   *Panipat , Haryana*
Senior Secondary Education(PCM), CBSE   *2019 – 2020*
- Percentage: 94%

Experience

IBM — Edunet Foundation , AICTE   *Chandigarh, India*
Summer Intern   *June 2024 – July 2024*
- Built and trained a fraud detection model using Logistic Regression and Random Forest.
- Leveraged IBM Watson Studio's AutoAI to automate key tasks.
- Deployed the best model on IBM Cloud for real-time usage.

UNIQUS EDUTECH SOLUTIONS LLP   *Chandigarh, India*
Web Designer/Developer   *Jan 2024 – Mar 2024*
- Designed the EdTech product website with detailed UX/UI prototypes.
- Developed a functional website using React, Java, CSS ensuring responsive design.
- Interactive UI with a creative solution for displaying multiple classroom data on one screen.

INFOWIZ   *Chandigarh, India*
Summer Intern   *June 2023 – July 2023*
- Python basics (data types, functions, data structures)
- Basic machine learning (supervised/unsupervised learning, regression, classification)

Projects

AI Mock Interviewer | *React.js, Node.js, JavaScript*   *live* ↗
- AI Mock Interviews: Get interview questions and feedback powered by Gemini AI.
- User Authentication: Secure user login and registration using Clerk.
- Database Integration: Efficiently manage data with Drizzle ORM.

CalculAI | *React.js, Python, JavaScript*   *live* ↗
- Draw and annotate math problems on an interactive canvas, compatible with both touch and mouse input.
- LaTeX Rendering: Visualize math solutions with LaTeX formatting rendered directly onto the canvas.
- Solves mathematical expressions using AI-powered backend processing.

Customer Churn Prediction | *Python, NumPy, Data Visualisation*   *git* ↗
- Developed a predictive model for analyzing and predicting customer churn using machine learning.
- Analyzed data patterns to address churn-related issues.
- Created an interface for suggesting relevant offers to reduce churn.

Technologies

Tech Stack C++, HTML, CSS, SQL, JavaScript, React.js

Tools: VsCode, Figma, Excel, Adobe Photoshop , Krita