# 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*
*Web Developer 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*
*Summer Intern* — *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

**Languages:** C++, HTML/CSS, SQL, JavaScript

**Frameworks:** Node.js, React, Next.js

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