# Kruthikha Vishali K

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*As a Third-year Computer Engineering student, I'm passionate about Data Science and emerging technologies. With a strong foundation in analytical thinking, adaptability, and teamwork, I thrive in fast-paced environments and am eager to take on real-world challenges that drive growth and impact.*

## Education

**B.Tech in Computer Engineering (Data Science Specialization)**               2023 – 2027
Vellore Institute of Technology                                              chennai, India

## Skills

**Programming Languages:**
Python, C, C++, Java, and Solidity, Data Structures and Algorithms (DSA) and Object-Oriented Programming (OOPs).

**Databases & Tools:**
SQL, SQLite, Docker, Postman

**Web Development:**
React.js, Next.js, Node.js, Express.js, Django, Tailwind CSS, Bootstrap

**Blockchain Development:**
Solidity (Ethereum), Smart Contract Deployment, Basic DApps

**AI/ML & Data Science :**
OpenCV (Motion & Face Detection),Pandas, NumPy, Tableau(Data Visualization ), Matplotlib, Power BI Excel (Advanced),Basic AWS services (S3, Lambda, SageMaker Introduction)

**Soft Skills**
Critical thinking, Data presentation, Team collaboration, Fast learner

## Projects

**CareConnect — Smart Healthcare Recommendation System** ⌂
Smart Healthcare System
Developed a smart healthcare platform to connect patients with suitable providers based on symptoms, location, and specialization. Implemented personalized recommendations, secure authentication, appointment management, and interactive maps.
**Tech Stack:** Django, Python, SQLite, Tailwind CSS, https://github.com/kruthikhak/Care-Connect ⌂

**Reciq - AI powered Bill Expense Intelligence**                          09/2025 – 11/2025
- Developing a bill analysis system using a custom NER model to extract structured data from unstructured bill text.
- Building an OCR-to-analytics pipeline (Tesseract → entity extraction → normalization → PostgreSQL/SQLite).
- Designing Streamlit + Pandas dashboards to visualize spending by merchant, category, and time. Also Planning an anomaly detection module (Isolation Forest / DBSCAN) for suspicious charge detection.
- Implementing a FastAPI backend for seamless bill processing and insights retrieval.

**Blockchain based Decentralized Application**
- Built and deployed a decentralized application in the Web3 space.
- Responsibilities: Solidity coding and smart contract deployment.
- Technologies: Solidity, Web3.js, React.js
- Focus: Smart contracts, decentralized user interaction, blockchain data flow

## Hobbies & Interests

- Exploring blockchain trends
- Hackathon participation
- Learning about the stock market

## Languages

Tamil                                    English

Hindi