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🐙 github.com/kruthikhak

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)

Vellore Institute of Technology

2023 – 2027

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

Data Science & Tools:

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