

Dany Binu Luke

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🔗 Codeforces

Education

Bachelor of Technology, Computer Science and Engineering

Aug 2023 – Present

National Institute of Technology, Surat

- Engaged in project-based learning, collaborating on software development and system design projects.
- Gaining hands-on experience with database management, data structures, and object-oriented programming.

High School Diploma

Apr 2009 – Mar 2023

United Indian School, Kuwait

- Completed Class XII and Class X with Distinction.

Projects

Personal Portfolio Website 🔗

Technology Stack:
React.js, Next.js,
TypeScript, Tailwind CSS,
Framer Motion

- Developed a personal portfolio website with a clean, responsive interface.
- The site features detailed project pages, GitHub integration, and a contact form, serving as a central platform to present my work in web development and software engineering.

SentiStock AI - Stock Sentiment Analysis and Prediction 🔗

Technology Stack: Python,
NLP, Machine Learning

- Developed a machine learning-driven system to analyze financial news sentiment and predict stock market trends.
- Integrated Natural Language Processing (NLP) and machine learning models to derive insights from financial news and forecast market movements.

Vaani - A Speech-to-Text Summarizer 🔗

Technology Stack: Torch
& Transformers, Librosa,
Gradio

- Developed an AI-powered tool that integrates Automatic Speech Recognition (ASR), Translation, and Summarization for Indian language audio files.
- Currently supports Hindi, with Malayalam support in development.
- Provides transcriptions, translations, and summaries through an interactive web interface.

Skills

Programming Languages: Python, C, C++, Java (Low-level Proficiency), HTML5, CSS, MySQL

CS Fundamentals: OOP, DBMS, Data Structures

Tools/Frameworks: PyTorch, HuggingFace Transformers, NumPy, NLP, MERN (MongoDB, ExpressJS, ReactJS, NodeJS)

Additional Skills: Teamwork and Project Management, Effective written and verbal communication.

Courses

Google Cloud Study Jams

Google Cloud Study Jams

- Gained hands-on experience with key Google Cloud services including Compute, Storage, API Gateway, Looker, Dataplex, Pub/Sub, and Networking.
- Developed skills in AI/ML, using Vertex AI for prompt design, and created GenAI apps with Gemini and Streamlit.