

KUMARAVELU.R

Python Developer

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 <https://peaceboii.github.io/My-portfolio/>

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 <https://github.com/peaceboii>

EDUCATION

SNS College of Engineering

Bachelor of Engineering -
CSE (IoT and cyber security including blockchain technology) **6.74 CGPA** (2021 - 2025)

Karaikudi maharishi vidhya
mandir school

HSC	85%	2019 - 2021
SSLC	82%	2018 - 2019

RELEVANT PROJECTS

CORE COMPETENCIES

Languages: Python, JavaScript, HTML, CSS

Frameworks: Flask, Django

Databases: PostgreSQL, SQLite

Tools & Tech: Git, GitHub, Render, PgAdmin, Docker

Concepts: REST APIs, CRUD operations, OOP

AI&ML: LLM, Transformers, MLOps fundamentals

CERTIFICATIONS

PAPER PRESENTATION

- 2022 - cyber forensic for real world
- 2023- d-centralized voting system, the art of distributed audio video compression
- 2024 - smart traffic management system

HACKATHON

- 2022 - PLI BLOCKATHON INDIA '22

COURSEWORK

- Python (open-sources)

NEWSBOT - DJANGO WEB APP

- Built a full-stack news aggregation platform with user authentication,caching and real-time news updates.
- Deployed the project on Render with SQLite database, static files management, and environment variables.
- Implemented API with NewsApi & Gnews API and automated news storage.
- Live Demo: <https://newsbot-gzlm.onrender.com>
- GitHub: <https://github.com/peaceboii/NewsBot.git>

FINANCE Q&A CHATBOT

- Collected & cleaned 10K+ finance Q&A pairs
- Fine-tuned GPT-2 Medium with LoRA for efficiency.
- Built a Streamlit app for live Q&A with citations.
- Evaluated with BLEU, ROUGE, and BERTScore.
- Live demo: <https://gpt2-finance.streamlit.app/>
- GitHub: <https://github.com/peaceboii/gpt2-finance-qa.git>

PERSONAL FINANCE TRACKER

- Full-stack web app to manage personal expenses and income.
- Built with Flask, PostgreSQL, Render for deployment, and integrated Supabase for testing DB.
- Live demo: <https://personal-finance-tracker-wh46.onrender.com>
- GitHub: [personal-finance-track](#)