

SEIA SHIBU

Email: siyashibu.56@gmail.com

Github link: <https://github.com/SeiaShibu>

Phone: +91 6238132261

LinkedIn: <https://www.linkedin.com/in/seia-shibu-856b0225b>

SUMMARY

I'm a passionate and curious learner deeply interested in AI, Full-Stack Development, and Data Analytics. With hands-on experience in technologies like React.js, Node.js, Flask, MongoDB, and MySQL, I enjoy building end-to-end applications that solve real-world problems. I actively explore Machine Learning, Deep Learning, and Explainable AI (XAI), aiming to develop transparent and impactful AI models.

In a dynamic role, I'm confident in handling tasks such as analyzing pricing data for deep and variance insights, preparing summary reports using Excel/Google Sheets, generating pricing-related dashboards, and drafting clear and concise documentation. I believe in delivering work that's not just technically strong but also clearly communicated, innovative, and aligned with business goals.

EDUCATION

BACHELOR OF ENGINEERING IN ARTIFICIAL INTELLIGENCE & DATA SCIENCE (2022-2026)

RNS INSTITUTE OF TECHNOLOGY BANGALORE

PRE-UNIVERSITY KARNATAKA BOARD

(2020-2022)

POORNAPRJNA COLLEGE ADAMAR UDUPI

PROJECTS

AI FAKE NEWS DETECTOR

- Built an AI-based model to classify real vs. fake news using NLP techniques.
- Integrated Explainable AI (XAI) for transparency in decision-making.
- Deployed the model as a Flask web application with real-time API integration.
- Technologies Used: Python, TensorFlow, SHAP, Flask, Scikit-learn

FASHION INFLUENCE PLATFORM USING AI

- Developed a fashion recommendation system.
- Designed an interactive and modern user interface for personalized recommendations.
- Implemented a React-based front-end and a MongoDB-powered backend for scalability.
- Technologies Used: React.js, Node.js, MongoDB, OPEN ai

RECIPE MANAGEMENT SYSTEM

- Created a web-based application to manage and store recipes with full CRUD operations.
- Integrated MySQL for structured data storage and Flask for backend API handling.
- Implemented image upload functionality for better user experience.
- Technologies Used: Flask, MySQL, HTML, CSS, JavaScript

SKILLS

- Good in Python, Java, C, R, and full-stack development with React.js, Node.js, Flask, MongoDB
- Strong grasp of data structures, algorithms, OOP, and core CS fundamentals
- Skilled in data analysis, machine learning, deep learning, and XAI (Explainable AI)
- Worked with Excel, Google Sheets, MySQL, and REST API development
- Hands-on with data visualization using Pandas, NumPy, Matplotlib, Seaborn
- Strong in problem-solving, teamwork, communication, and technical documentation

PARTICIPATIONS

Sharkathon (AIT Chikkamagaluru) – Loan Prediction System

- Developed a Loan Prediction System using Explainable AI (XAI).
- Integrated an AI Tutor to explain model predictions in real-time.

Hackathon (BMS Bangalore) – AI for Marine Ecosystem Conservation

- Developed a machine learning model for water quality analysis to monitor marine health.
- Designed an AI-powered prediction system to analyze pollution levels and recommend conservation strategies.

CERTIFICATION

- PYTHON FOR DATA SCIENCE – COGNITIVE CLASS BY IBM (2023)
- FULL-STACK WEB DEVELOPMENT BOOTCAMP – UDEMY (2024)
- DATA SCIENCE FOR ENGINEER-NPTEL(2025)

LANGUAGES KNOWN: ENGLISH, MALAYALAM, KANNADA