

SEIA SHIBU

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

Portfolio : <https://seiahibu.github.io/Myportfolio/>

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PROFESSIONAL SUMMARY

Passionate and driven tech enthusiast with a deep curiosity for AI, Full-Stack Development, and Data Analytics. Experienced in developing scalable, end-to-end applications using modern stacks like React.js, Node.js, Flask, MongoDB, and MySQL. Continuously expanding expertise in Machine Learning, Deep Learning, DSA, DevOps, and Azure Cloud. Motivated by real-world problem solving and committed to building impactful, user-centric tech solutions.

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 | Link: <https://github.com/SeiaShibu/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 | LINK: <https://seiahibu.github.io/Trendsetter-fashion-influence-website/>

- 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 | LINK: <https://github.com/SeiaShibu/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

Loan Prediction System | LINK: <https://seiahibu.github.io/AI-loan-predicting-system/>

- Developed a Loan Prediction System using Flask and a machine learning model to predict loan approval outcomes.
- Integrated SHAP for Explainable AI (XAI) to interpret and visualize model decisions clearly.
- Built an AI Tutor that explains real-time predictions using SHAP graphs for user transparency.
- Technologies used: Python, Flask, SHAP, HTML, CSS, JavaScript, and scikit-learn.

SKILLS

- Languages & Frameworks: Python, Java, C, R, React.js, Node.js, Flask, MongoDB
- CS Fundamentals: Data Structures & Algorithms (DSA), Object-Oriented Programming (OOP), Core CS Concepts
- AI & Data Science: Machine Learning (ML), Deep Learning (DL), Explainable AI (XAI), Pandas,
- Tools & Databases: MySQL, REST APIs, Excel, Google Sheets
- Cloud & DevOps: Basics of Cloud Computing, CI/CD, Git, GitHub, Azure
- Soft Skills: Problem-Solving, Team Collaboration, Communication, Documentation

PARTICIPATIONS

- Sharkathon (AIT Chikkamagaluru) – Loan Prediction System**
- Developed a Loan Prediction System using Explainable AI (XAI)
- Hackathon (BMS Bangalore) – AI for Marine Ecosystem Conservation**
- Developed a machine learning model for water quality analysis to monitor marine health.

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