

Joshika K

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EDUCATION

JSS ACADEMY OF TECHNICAL EDUCATION

B.E IN COMPUTER SCIENCE
2022-Present
Bengaluru,Karnataka
Cum. GPA: 9.47/ 10.0

SADHANA PU COLLEGE

2ND PUC[KARNATAKA STATE BOARD]
2020-2022
Bengaluru,Karnataka
Score: 97.16% [PCMC]

BANGALORE INTERNATIONAL PUBLIC SCHOOL

10TH STD [ICSE]
2019-2020
Bengaluru,Karnataka
Score: 89.4%

COURSEWORK

- Data structures
- Operating system
- Computer networks
- Analysis and Design of Algorithms
- Object oriented Programming

SKILLS

- C • Java • Python • HTML • CSS
- JavaScript • MySQL • MongoDB

COURSES

- **Programming in Java-**
NPTEL Course| Certificate
- **Analysis and Design of algorithms-**
NPTEL Course| Certificate
- **Internet of things-**
NPTEL Course| Certificate

LINKS

Github:// Joshika-K
LinkedIn:// joshika-kalyan

LANGUAGES

- English (fluent) • Kannada (fluent)
- Tamil (fluent) • Hindi (Communicatable)

EXPERIENCE

CODSOFT | WEB DEVELOPMENT INTERN

May 2024 – June 2024

- Designed and built multiple web projects, including a Personal Portfolio, Landing Page, and Calculator, using HTML, CSS, and JavaScript to demonstrate front-end development skills.
- Showcased proficiency in core web technologies by developing responsive and functional applications that highlight problem-solving and coding expertise.

PROJECTS

VERIFYIT: AI-DRIVEN FAKE NEWS DETECTOR FOR MEDIA.

Sept 2024 – Dec 2024 | 5th sem mini project

- Acquired and preprocessed a Kaggle dataset, performing data cleansing and feature engineering to enhance model accuracy and prepare data for binary classification using Logistic Regression.
- Developed and deployed a Logistic Regression model using Python, scikit-learn, and Flask, delivering a user-friendly web application for real-time predictive insights.

FOODQUEST: AI-DRIVEN SUSTAINABLE FOOD JOURNEY

Feb 01-02 | Hack-A-League | GAT

- Acquired and preprocessed a comprehensive dataset, applying data cleansing and transformation techniques to ensure high-quality inputs for accurate food waste and demand prediction.
- Developed and deployed a Random Forest model using Python, scikit-learn, and Flask, resulting in a web application that enables stakeholders in retail to make data-driven decisions for food sustainability.

AI POWERED CARBON FOOTPRINT TRACKER

INFOTHON 4.0 | VVCE, Mysuru

- Developed an AI-powered Carbon Footprint Tracker using deep learning for real-time carbon emission tracking and personalized recommendations.
- Implemented features such as a chatbot, automated reports, and goal tracking, enhancing user engagement and sustainability efforts.

AI POWERED AIR QUALITY IMPROVEMENT SYSTEM

JSSATE, Bengaluru

- Developed an AI-powered air quality monitoring system using IoT sensors (MQ135, ESP8266) to collect real-time environmental data.
- Applied AI models to predict Air Quality Index (AQI) and detect pollution anomalies, enabling proactive environmental management.

FINANCIAL PLANNING APP FOR WOMEN

JSSATE, Bengaluru

- Built a financial empowerment app for women with budgeting and planning tools.
- Integrated EMI/SIP calculators, expense tracker, and investment portfolio features.