Kruthika G

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EDUCATION

B.E IN COMPUTER SCIENCE | JSS ACADEMY OF TECHNICAL EDUCATION BENGALURU
Dec 2022 - present
Bengaluru,Karnataka
Cum.GPA : 8.79/10.0 (till 5th semester)

II PRE UNIVERSITY BOARD | BMS College for Women
2020-2021
Bengaluru,Karnataka
Percentage : 96.33

MATRICULATION | Yashasvi Vidyanikethan school
2019
Bengaluru.Karnataka
Percentage : 90.56

COURSEWORK

Operating systems
Data structures and algorithms
Object oriented programming in Java
Analysis and Design of algorithms
Database management system
Computer networks

SKILLS

C Java, Python, HTML, CSS, Javascript, MongoDB, MYSQL, PostgreSQL, MATLAB.

SOFTWARE TOOLS

LaTeX, Solid Edge,Xilinx ISE, Keil software, Visual studio code.

COURSES

Programming in Java
NPTEL course | Certificate
Artificial intelligence foundations
Great learning | Certificate
Machine learning algorithms
Great learning | Certificate
DevOps foundations
LinkedIn learning course | Certificate
Computer vision and Image processing
NPTEL course | Certificate

LANGUAGES KNOWN

English (fluent)
Kannada (fluent)

LINKS

Github:// **Kruthika1603**
LinkedIn:// **Kruthika G**

PROJECTS

1. AI powered Carbon Footprint Tracker
Description - AI-powered Carbon Footprint Tracker offering real-time insights, personalized tips, and tools to help users cut their environmental impact.
Tech stack - Python, Flask, Django, MongoDB, TensorFlow, NLP, API from GoogleGemini

2.VerifyIt:AI-driven fake news detection system
Description - A Fake News Detection System uses AI to analyze and classify news content as real or fake based on language patterns and source credibility.
Tech stack - Python, Flask, NLP, Node.js, ML algorithm(Linear regression), News-API

3. Air Quality Index
Description - Our project integrates AI and IoT to build an autonomous platform for real-time carbon tracking, air quality monitoring, and sustainable app development.
Tech stack - Hardware components(gas sensor,temperature and humidity sensor,Arduino board,bread board,LED,buzzer), React, Flask, Django, MongoDB, API's from OpenWeatherMap

4. Autonomous application builder
Description - An autonomous application builder that designs, develops, and deploys apps from user prompts with minimal human intervention.
Tech stack - Python, Flask, Node.js, Django, TensorFlow, PyTorch, NLP, openAPI

5. BioSynapse:AI meets stem cells innovation
Description - AI powered stem cells innovation research and therapy development for regenerative medicine.
Tech stack - ML algorithms(Deep learning,neural networks), image analysis tools, TensorFlow, Scikit-learn.