VAISHNAVI B R

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CAREER OBJECTIVE

To leverage my knowledge in Computer Science and Engineering, with hands-on experience in projects like Fake News Detection by using ML. Skilled in Java, SQL, HTML,CSS, JavaScript, with a strong interest in both frond-end and back-end development. Passionate about applying technical expertise to solve real-world problems while continuously learning and adapting to new technologies.Seeking a **Full stack developer** role to design and implement efficient, reliable data solutions

EDUCATION

Navkis College of Engineering   *Dec 2022 – present*
B.Tech in Computer Science and Engineering   Hassan, India
 CGPA: 8.62
MES SSM PU COllege   *June 2020*
Pre-University Education   Chickmagaluru, India
Grade: 84.5

PROJECTS

- **Bank Management System:**
  Tools: [Java,Swing,MySQL]
  ◦ **Technology Stack**: The project is a client-side ATM simulator built primarily using foundational web technologies.
  ◦ **Core Functionality**: The purpose of the project is to simulate basic ATM operations.
  ◦ **Deployment Method**: The code is set up to be deployed using GitHub Pages, which allows the web files to be hosted directly from the repository. This results in the live, shareable URL you referenced earlier: **https://vaishu552003.github.io/ATM-Stimulator/**.

- **Fake News Detection By using ML:**
  Tools: [Python,Scikit-learn,NLP,TensorFlow]
  ◦ **Developed an end-to-end Fake News Detection System**in **Python**, demonstrating proficiency in data science libraries by acquiring, merging, and pre-processing two distinct news datasets (True and Fake) for binary classification.
  ◦ **Implemented advanced Natural Language Processing (NLP) techniques** including a custom text cleaning function and**TF-IDF** Vectorization to transform textual data into numerical features for model training.
  ◦ **Trained and evaluated an ensemble of four classification models** , achieving a final prediction accuracy on the test set, confirming the model's high reliability.

- **Signature Forgery Detection**
  Tools: [Python,TensorFlow / Keras , NumPy ,Pandas]
  ◦ **Developed a security tool** that automatically checks if a signature is**real or fake** using **image analysis**.
  ◦ **Used Python libraries** to clean and prepare signature images, extracting key features that allowed the system to **spot tiny differences**indicative of a forgery.
  ◦ **Trained a machine learning model**to successfully**classify** signatures with high accuracy, proving its ability to reliably detect and prevent fraud.

SKILLS

◦ **Programming:** Python, Java(Basic)
◦ **AI/ML:** TensorFlow, Keras, Scikit-learn
◦ **Web Development:** React.js, Node.js, HTML, CSS, JavaScript
◦ **Databases:** MySQL, MongoDB
◦ **Tools Platforms:** AWS, Git/GitHub
◦ **Soft Skills:** Problem Solving, Self-Learning, Team Collaboration, Presentation,

CERTIFICATIONS

◦ **TensorFlow:Neural Networks and Working with Tables**
◦ **SQL Micro Course**
◦ **Basic of Python**