A H BRIJESH

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CSE graduate specializing in KNIME workflow automation, ETL development, data quality checks, and workflow debugging. Experienced in SAP ABAP, data migration tools (BDC, LSMW, LTMC, BAPI), and RICEF objects. Strong in Python, SQL, machine learning, and deep learning models including CNN, RNN, and LSTM. Delivered projects in audit automation, face recognition, and AI-driven chat systems. KNIME Level 3 Certified Developer focused on process optimization, data accuracy, and building reliable end-to-end automation solutions.

EDUCATION

BE CSE | RAJIV GANDHI COLLEGE OF ENGINEERING
CGPA: 8.4
Graduated: 2025

INTERNSHIPS & PROJECTS

AUDIT AUTOMATION & ANALYTICS INTERN | AAMIN DATA SOLUTIONS
MAY 2025 – PRESENT
- Designed and maintained 10+ KNIME workflows to identify data outliers.
- Built data integrity check components to validate datasets before audits.
- Developed intuitive KNIME-based GUIs to streamline audit navigation.
- Explored AI techniques to enhance exception detection.
- Generated audit insights and automated reports to reduce manual workload.

AI INTERN | AICTE INNOVATIVE INTERN
AUGUST 2024 – NOVEMBER 2024
- Developed a Face Recognition-Based Attendance System using Flask, TensorFlow, CNN, Keras, and MySQL.
- Achieved 87% accuracy, automating attendance tracking and reducing manual effort by 60%.
- Enabled recognition of 5 individuals within 10 seconds, showcasing expertise in deep learning and problem-solving.
- Collaborated with team members to ensure the efficient delivery of the solution with a focus on user-centric design.

SAP ABAP INTERN | FORD MOTOR COMPANY
JUNE 2024 – AUGUST 2024
- Worked on SAP ERP for the automotive sector, focusing on data migration and system optimization.
- Used ABAP OOP and data conversion tools (BDC, LSMW, LTMC, BAPI) to improve data accuracy.
- Contributed to RICEF development and improved data migration efficiency by 20% through optimized ABAP programming.
- Ensured 100% data accuracy during migration, reducing transactional errors.
- Collaborated with cross-functional teams to deliver stable and reliable SAP solutions.

PROJECTS
- **Emotion Predictor Model (RNN) –** Predicts emotional tone of user sentences.
- **Handwritten Digits Classifier (CNN) –** Real-time digit recognition
- **Face Recognition Attendance System (CNN + MySQL) –** Automated attendance logging
- **Suicidal Prevention Chatbot (LSTM + Dailo GPT + React + 11labs) –** Built an AI-driven mental health bot with a fine-tuned, DialoGPT backend and a speaking 3D avatar frontend for real-time empathetic, suicide-mitigation conversations.

SKILLS

- **Programming:** Python, Java, C
- **Automation & Analytics:** KNIME (Level 3), ACL, Data Cleaning, ETL Pipelines
- **Machine Learning:** Scikit-learn, TensorFlow, Keras
- **Deep Learning:** CNN, RNN, LSTM, Seq2Seq
- **Data Analytics:** NumPy, Pandas
- **Data Visualization:** Matplotlib, Seaborn
- **SAP:** ABAP, Data Migration Tools (BDC, LSMW, LTMC, BAPI), RICEF
- **Databases:** MySQL, MongoDB
- **Tools:** GitHub, Lovable, ChatGPT, KNIME-Hub