NIHAL HT

DM Halli Kandli post, Hassan

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Career Objective

Seeking challenging opportunities in AI/ML Engineering, Full Stack Development, and Data Science roles where I can leverage cutting-edge technologies, contribute to innovative solutions, and drive digital transformation. Passionate about building scalable AI systems, developing intelligent applications, and solving complex problems using data-driven approaches in future-ready organizations.

Education

- **Navkis College of Engineering, Hassan** **2021-2025**
  Bachelor of Engineering in Artificial Intelligence & Data Science, VTU *CGPA: 7.5*

- **Mahesh PU College, Hassan** **2021**
  12th Grade *72%*

- **SVM English High School, Hassan** **2019**
  10th Grade *80%*

Technical Skills

- **Programming Languages:** Python, JavaScript, SQL, NoSQL, Solidity.
- **AI & Machine Learning:** TensorFlow, PyTorch, scikit-learn, Keras, OpenCV, NLP, Computer Vision
- **Large Language Models:** Hugging Face Transformers, OpenAI API
- **Data Science & Analytics:** Pandas, NumPy, Matplotlib, Seaborn, Plotly, Statistical Analysis
- **Web Development:** React.js, Node.js, Flask, Django, FastAPI, RESTful APIs
- **Database Management:** MySQL, PostgreSQL, MongoDB, Redis, Database Optimization
- **Cloud & DevOps:** AWS (EC2, S3, Lambda), Google Cloud Platform, Docker, Kubernetes, CI/CD
- **Tools & Platforms:** Git/GitHub, Jupyter, VS Code, Postman, MLflow, Streamlit
- **Blockchain Technology:** Smart Contracts, Web3.js, Ethereum

Experience

- **TechCiti Private Limited** **Bengaluru, India**
  Software Development Intern *2024*

- **10 SECONDS** **Remote**
  Cyber Security Intern *2022*

Projects

- **AI & Blockchain-Based Student Performance Data Analysis** *(2025)*
  Developed comprehensive analytics platform combining machine learning with blockchain security for educational insights. Implemented predictive models achieving 92% accuracy in performance forecasting using TensorFlow and scikit-learn. Built secure data pipeline with smart contracts for tamper-proof record keeping.

- **Crop & Fertilizer Prediction Using AI & ML** *(2024)*
  Created intelligent agricultural system with 89% prediction accuracy using Random Forest and XGBoost algorithms. Integrated weather API and soil sensor data through Flask backend. Deployed on AWS EC2 with automated model retraining pipeline, serving 500+ farmers with real-time recommendations.

- **Healthcare AI Diagnostic Assistant** *(2024)*
  Developed computer vision model using CNN and OpenCV for medical image analysis with 94% diagnostic accuracy. Created RESTful API with FastAPI for seamless integration with hospital systems. Implemented secure authentication and HIPAA-compliant data handling procedures.

Certifications

- **Full Stack Web Development** – Udemy (2023)
- **Cyber Security Fundamentals** – NICC (2023)
- **Blockchain Development** – Ethereum Foundation (2024)
- **Python for Data Science** – DataCamp (2023)

Key Achievements & Leadership

- Led cross-functional team of 5 developers in agile environment with 100% on-time project delivery
- Contributed to 3 open-source projects
- Mentored 10+ junior developers in machine learning concepts and best coding practices