Amith K G

Portfolio | linkedin.com/in/amith-kg | github.com/ka-amith007 | amithka053@gmail.com | +91-7975484273

Summary

Curious and motivated Computer Science Engineering student passionate about innovation and real-world problem-solving. Experienced in developing projects that integrate Machine Learning with Web Development. Enthusiastic about teamwork, continuous learning, and building meaningful technological solutions.

Education

B.E. in Computer Science and Engineering **2022 – 2026**
T John Institute of Technology, Bangalore *CGPA: 7.95*

Pre-University (PCMB) **2022**
Amar Jyothi Composite PU College, Sorab, Shimoga *Percentage: 71.66*

Secondary Education **2020**
Amar Jyothi English Medium High School, Sorab *Percentage: 74.08*

Skills

- Programming Languages: C, C++
- Web Technologies: HTML, CSS, JavaScript, React.js
- Model Deployment : Streamlit, Netlify, Render

Experience

Innovation & Design Thinking Program **3 Months**
ComedKares Innovation Hub
- Completed a three-month program focused on creative problem-solving, teamwork, and user-centered innovation.
- Applied design thinking methodologies to develop innovative real-world solutions.

Machine Learning Intern **1 Month**
SkillCraft Technology
- Worked on machine learning projects involving data preprocessing, model training, and evaluation.
- Collaborated with team members to improve model performance and deployment strategies.
- Received recognition and a letter of recommendation for outstanding performance.

Academic Projects

Multiple Disease Prediction System | *Python, Streamlit, ML*
- Developed a web application that predicts diseases such as Diabetes, Heart Disease, and Parkinson's using machine learning models.
- Designed a user-friendly Streamlit interface with real-time prediction results.
- **Live Demo:** Click Here

Route Optimization for Highway Construction | *Satellite Images, Deep Learning*
- Developed a deep learning model to analyze satellite imagery and suggest optimal highway routes.
- Minimized construction costs and land acquisition conflicts by identifying efficient and feasible pathways.
- **Live Demo:** Click Here

Crop Recommendation System | *Python, ML*
- Built a model to recommend suitable crops based on soil nutrients and environmental parameters.
- Enhanced prediction accuracy through feature engineering and model optimization.
- **Live Demo:** Click Here

Certificates

- Applied Artificial Intelligence: Practical Implementations – TechSaksham (Microsoft & SAP, 2024–25)
- Innovation and Design Thinking – ComedKares Innovation Hub