






# AMITH K G

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## Summary

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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

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### 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

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

## Experience

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### 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

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### 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

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