

Amith Komaravelli

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📄 Professional Summary

A proactive Computer Science Engineering student with a passion for technology, eager to start a career in software development. Enthusiastic about learning and building innovative solutions in the tech industry.

📁 Experience

- Web Development Intern, Unified Mentor** 06/2024 – 07/2024
- Learnt and implemented the MERN stack in a full-stack project.
 - Developed features like authentication, CRUD operations, and routing in a dynamic web application.
 - Gained hands-on experience with React hooks, REST APIs, and state management.
- Web-Dev Internship, CODSOFT** 05/2024 – 06/2024
- Acquired core front-end skills using HTML, CSS, and JavaScript.
 - Created responsive landing pages and static websites with clean UI design.
 - Practiced basic DOM manipulation, form handling, and media queries.
- Graphic Designer, GitHub Gitam Hyderabad** 10/2023 – 10/2024
- Designed posters, banners, and digital creatives for GitHub community events.
 - Collaborated with the marketing team to align visual content with branding goals.
 - Used tools like Canva to produce high-quality visual assets.
- Marketing and Content Creation, POC Pramana (Annual Techno-Cultural Fest)** 01/2024 – 02/2024
- Led a cross-functional team in planning and executing content and marketing strategies.
 - Drafted event descriptions, social media captions, and promotional campaigns.
 - Coordinated with design and outreach teams to maximize event visibility and engagement.

📁 Projects

- Content-Based Remote Sensing Image Retrieval System, Deep Learning, Python**
- Aimed to build an efficient system for retrieving visually similar satellite images based on content, not metadata.
 - Explored multiple CNN architectures (ResNet101, InceptionV3, AlexNet) for optimal feature extraction.
 - Researched dimensionality reduction and binarization techniques for scalable image retrieval.
 - Developed a hybrid model combining local and global features, improving retrieval accuracy.
 - Achieved 96.3% accuracy on benchmark datasets with efficient and memory-optimized retrieval.
- Student-Teacher Portal, MERN Stack**
- Developing a student-teacher portal using the MERN stack with a user-friendly interface.
 - Enables appointment booking, teacher sign-up, and profile management.
 - Features authentication, scheduling, and efficient state management for better engagement.
 - Enhances accessibility and streamlines communication between students and teachers.
- Kerala Tourism Mock Website, HTML, CSS, JS**
- Developed a responsive Kerala tourism website mockup using HTML, Bootstrap CSS, and JavaScript.
 - Simulated tourist destinations, cultural highlights, and travel information.
 - Ensured cross-browser compatibility and optimal performance.
 - Integrated interactive elements to enhance user engagement and experience.

🔧 Skills

Python, JavaScript, SQL, Java, HTML, CSS, ReactJS, Software Engineering, Figma, Graphic Design, Photography/VideoGraphy, Video Editing

📄 Certifications

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|---|---|--|
| • Core Java (LearnQuest) | • Web Development Fundamentals (IBM) | • Technical Support Fundamentals Programming Languages |
| • Programming For Everybody (Getting Started With Python) | • Project Management Fundamentals (IBM) | • Introduction to Frontend Development by Meta |

🎓 Education

- GITAM UNIVERSITY, BTech Computer Science** 2021 – 2025
- 7.26 CGPA
- PAGE Junior College, MPC** 2019 – 2021
- 8.4/10