

Krishna Murthi

Final Year B.Tech – Computer Science | GITAM University, Bengaluru

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Objective

Frontend Developer skilled in React.js, JavaScript, and UI/UX principles with hands-on experience building responsive web applications. Passionate about creating intuitive interfaces and improving web performance. Seeking to apply frontend development skills in a collaborative software engineering team.

Education

B.Tech in Computer Science and Engineering – GITAM University, Bengaluru

Expected: 2025 | CGPA: 6.64

Technical Skills

Languages & Databases: C, HTML, CSS, JavaScript, MySQL, SQLite

Frameworks & Libraries: React.js, Node.js

Tools & Platforms: Figma, Canva, Adobe Photoshop, Blender, VS Code, GitHub

Other Skills: UI/UX Design, Video Editing, Graphic Design, Responsive Web Design

Work Experience & Projects

Portfolio Website – Frontend Developer

- Engineered a dynamic, mobile-first portfolio leveraging React.js and styled-components to showcase frontend projects and skills.
- Implemented Framer Motion animations to improve user engagement.
- Achieved a Lighthouse mobile performance score of 95+ by applying optimization techniques.
- Applied code-splitting and lazy loading to improve resource efficiency.
- Deployed the application using GitHub Actions and hosted it on Netlify.

NSS Community Website – Web Developer

- Built and maintained a responsive website for the university's NSS community.
- Collaborated with a 5-member team to publish real-time updates and announcements.
- Optimized images and scripts, reducing page load times by 30%.
- Ensured cross-browser compatibility and version control using GitHub.

Intelligent Resource Management System (IRMS) – Project Lead / Developer

- Designed and developed a cloud resource optimization system using machine learning.
- Used time series analysis and exponential smoothing for workload prediction.
- Built RESTful APIs with Flask and integrated AWS for scalable resource allocation.
- Enhanced efficiency of cloud resource usage through predictive analytics.

Leadership & Campus Involvement

- Design & Content – Shore Fest, Utsava
- Graphic Design Lead – GITAM Quiz Club
- NSS Volunteer – Event media & outreach

Certifications

- AWS Academy Cloud Foundations – Amazon Web Services
- UI/UX Design – Great Learning Academy
- Foundations of User Experience (UX) Design – Coursera (Google)