

Akkala Harish Goud

Hyderabad, Telangana

Bachelor of Technology

Indian Institute of Information Technology Guwahati

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🐙 GitHub | 🔗 LinkedIn

🌐 Portfolio

EDUCATION

• Bachelor of Technology in Electronics and Communications Engineering

2020-2024

Indian Institute of Information Technology Guwahati

CGPA: 7.7

EXPERIENCE

• Associate Systems Engineer

Aug 2024 - Present

Tata Consultancy Services

- Monitored and made sure Windows servers were operating at peak efficiency, spotting and fixing any problems to preserve system uptime and integrity.
- DHCP (Dynamic Host Configuration Protocol) and DNS (Domain Name System) services were set up and maintained to increase resource accessibility and optimize network operations.
- Gave team members and end users technical support and direction on server and network configurations.

• Full Stack Web Developer Intern

Nov 2023 - June 2024

Trusty Money

- Utilized MERN stack to develop key application features, including OTP services, email services, and a transaction dashboard with an admin page for managing user data and financial transactions.
- Optimized backend API response times and frontend rendering, improving overall website performance by 40% through code refactoring and caching strategies.
- Managed deployment of the application to production by building Docker images and deploying to Azure Kubernetes Service (AKS) using Azure Pipelines for Continuous Integration and Continuous Deployment (CI/CD).
- Participated in daily stand-up meetings and planning sessions to ensure alignment with project goals and timelines.

PERSONAL PROJECTS

• AI-Powered Conversational Chatbot

A context-aware chatbot for human-like interactions

- Developed an AI chatbot using transformer-based models to handle natural language queries and maintain conversation context.
- Integrated Gemini-1.5-flash API for advanced text generation and implemented custom logic for session management.
- Built an Express backend with RESTful APIs and a React frontend for seamless user interaction and user authentication.
- Technologies Used: React JS, Express JS, MongoDB, Gemini API, Material UI.

• Real-Time Weather App with Current Location

A React based web application for real-time weather

- Built a React-based web application with a user-friendly interface that dynamically changes based on the current weather.
- Integrated Geolocation and OpenWeatherMap APIs for location retrieval and real-time weather information.
- Technologies Used: ReactJS, SaSS, NodeJS.

TECHNICAL SKILLS AND INTERESTS

Languages: C/C++, JavaScript, HTML, CSS, SCSS, Java

Libraries/Frameworks : C++ STL, ReactJS, ExpressJS

Web Dev Tools: NodeJS, VS code, Git, GitHub

Cloud/DevOps: Azure, Azure DevOps, Docker, Kubernetes, Nginx

Databases: MongoDB, Relational Database (MySQL).

Relevant Coursework: Data Structures & Algorithms, Operating Systems, Object Oriented Programming

Areas of Interest: Web Design and Development, Cloud-Based Application Deployment

POSITIONS OF RESPONSIBILITY

• Web and Creatives core team member Annual Cultural and Technical Fests of IIITG Jan - March 2023

- Designed and managed a responsive live web page for the cultural fest, resulting in a 50% increase in event registrations.

• Student member of Departmental Undergraduate Programme Committee - ECE Aug 2022 - Aug 2023

- Successfully overseed the conduct of all undergraduate courses of the department, and ensured that the Ordinances relating to the programmes are being followed.
- Ensured the courses offered by the department consistently met high academic standards.

CERTIFICATIONS

• Introduction to Containers w/ Docker, Kubernetes & OpenShift Authorized by IBM