Akkala Harish Goud

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Bachelor of Technology
Indian Institute of Information Technology Guwahati

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🌐 Portfolio

EDUCATION

- **Bachelor of Technology in Electronics and Communications Engineering** *2020-24*
  Indian Institute of Information Technology Guwahati CGPA: 7.7

EXPERIENCE

- **Full Stack Web Developer Intern** *Nov 2023 - May 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, Communications Network
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