Bommanamaina Ramalaxmi

✉ ramalaxmib671@gmail.com   📞 6301868386

📍 plot-no:66,Brundavan colony,Hyderabad,Telangana   in LinkedIn

Profile

Aspiring web developer with expertise in Generative AI and experience working with transformers. Skilled in developing modern web applications, combining AI technologies with practical solutions. Strong understanding of backend and frontend development, with an interest in DevOps for building scalable, efficient deployment workflows. Passionate about learning and applying the latest technologies to deliver innovative, user-focused solutions.

Education

2022 – 2026
Hyderabad, India

Bachelor of Technology
Keshav Memorial Institute of Technology ⌕

Professional Experience

2024

web developer
Web Developer Intern *Plasmid & InTrainz* (2023)

- Developed and optimized web applications to improve user experience and functionality.
- Collaborated with teams to design and implement responsive and efficient web interfaces.
- Gained hands-on experience in full-stack development, including frontend and backend tasks.
- Enhanced problem-solving and coding skills by addressing real-world challenges in web development projects.

Skills

Web Development: HTML, CSS, JavaScript, React.js, Node.js, Express.js, MongoDB. Generative AI: Transformers (CodeLlama, Hugging Face), AI integration. Backend: Flask, SQL, NoSQL, RESTful APIs, CRUD operations. DevOps: CI/CD, Docker, Ngrok. Programming: Java, Python, algorithms. Tools: Git, GitHub, VS Code, Google Colab.

- Possess strong knowledge of cloud computing concepts and hands-on experience with deploying and managing applications on cloud platforms

Projects

Devkit ⌕
A Browser Extension
DevKit is a Chrome extension designed for web developers, offering essential tools to enhance productivity. It includes a **Window Resizer** for adjusting the browser window size, a **Link Checker** for identifying broken links, and a **Tech Analyzer** to analyze the technologies used on a web page.

Optimized Code Generator ⌕
The *Optimized Code Generator* integrates the **MERN stack** (MongoDB, Express.js, React.js, Node.js) with **Generative AI** to generate efficient code. The backend uses **Flask** for seamless integration with the **CodeLlama** model via **ctransformers**, enabling fast and lightweight AI-based code generation.