

# Bommanamaina Ramalaxmi

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🌐 LinkedIn 🐙 GitHub

## PROFILE

Aspiring **Full-Stack Web Developer** specializing in **MERN Stack** and **Generative AI** with a passion for **Cloud Computing**, **DevOps**, and **AI-based automation**. Skilled in building **scalable web applications**, AI-powered tools, and deployment pipelines. Experienced in **transformers**, **backend development**, and **automation strategies**.

## PROFESSIONAL EXPERIENCE

### Web Developer Intern 📧

2024

Plasmid & InTrainz | 2023 – 2024

- **Developed & optimized** full-stack web applications, improving performance & UX.
- **Designed & implemented** responsive, scalable web interfaces using **React.js & Node.js**.
- **Integrated AI-driven solutions** in applications using **Flask & Transformers**.
- **Collaborated with teams** on backend & DevOps workflows to streamline deployments.
- **Enhanced problem-solving skills** by working on real-world development challenges.

## EDUCATION

**Bachelor of Technology (B.Tech 📧), Information Technology** Keshav Memorial

2022 – 2026

Institute of Technology, Hyderabad (2022 – 2026) **CGPA: 9.5**

Hyderabad, India

**Intermediate (12th Grade)** Balapur Chaitanya Junior College (**Percentile: 97**)

**High School (10th Grade)** Sri Vidya Vani High School (**GPA: 10.0**)

## SKILLS

**Programming & Problem-Solving:** Java, Python, C, C++, Data Structures & Algorithms (DSA)

**Databases:** MongoDB, SQL, NoSQL **AI & Machine Learning:** Transformers (CodeLlama, Hugging Face), AI Integration, LangChain, TensorFlow, PyTorch

**DevOps & Cloud Computing:** CI/CD Pipelines, Docker, Kubernetes, Terraform, Ngrok

**Tools & Version Control:** Git, GitHub

## PROJECTS

### Devkit 📧

- Developed a Chrome extension with 3+ features: Window Resizer, Link Checker, and Tech Analyzer
- **Technologies Used:** React.js, JavaScript, Chrome API.

### Optimized Code Generator 📧

- Integrated the MERN stack with Generative AI (CodeLlama) to generate efficient code.
- Reduced development time by **40%** through AI-powered automation.
- **Technologies Used:** MongoDB, Express.js, React.js, Node.js, Flask, Transformers.

## ORGANIZATIONS

### National Service Scheme

present

Public Relations Head

Hyderabad, India

- Led public relations activities, organized community service events, and managed communications.