**Vaishnavi Bonthu**  
[LinkedIn](https://www.linkedin.com/in/vaishnavi-bonthu) | [GitHub](https://github.com/VaishnaviBonthu005) | [Portfolio](https://vaishnavibonthu005.github.io/Portfolio/)  
Email: vaishuvaishnavibonthu@gmail.com

**Summary**

Aspiring Computer Science Engineer with a solid foundation in full-stack development, and database management. Proficient in C, C++, Java, HTML, CSS, JavaScript, PHP, and MySQL. Enhancing problem-solving and analytical skills. Passionate about developing innovative solutions and continuously expanding technical expertise.

**Education**

**B.Tech in Computer Science and Engineering (CSE)**  
*Lakireddy Bali Reddy College of Engineering (LBRCE)* | 2022 – Present  
CGPA: **8.6**

**Diploma in Computer Science and Engineering (CSE)**  
*Kakinada Institute of Engineering and Technology for Women (KIETW)* | 2019 – 2022  
Percentage: **87%**

**Work Experience**

**MERN Stack Development Intern**

**Biztron Softech** | 2024

* Developed **full-stack web applications** using **MongoDB, Express.js, React.js, and Node.js**.
* Strengthened front-end and back-end development skills.
* Improved problem-solving abilities through hands-on project experience.

**AI/ML Intern**

**APSSDC (Andhra Pradesh State Skill Development Corporation)** | 2024

* Explored **AI/ML fundamentals**, including **supervised & unsupervised learning**.
* Implemented **machine learning models** using **scikit-learn & TensorFlow**.
* Gained experience in **data preprocessing and model evaluation**.

**Technical Skills**

* **Programming Languages:** C, C++, Java,Python
* **Web Technologies:** HTML, CSS, JavaScript, PHP, MySQL
* **Databases:** MySQL
* **Version Control:** Git, GitHub

**Certifications & Achievements**

* **AWS Badge**
* **Web Development Fundamentals Badge**
* **Artificial Intelligence Fundamentals Badge**

**Projects**

**Personal Portfolio Website**

* Developed a **responsive personal portfolio website** showcasing projects and skills.
* Utilized **HTML, CSS, JavaScript, and GitHub Pages** for deployment.
* Portfolio Link: [View](https://vaishnavibonthu005.github.io/Portfolio/)

#### **Mini Compiler**

* Developed a **lexical analyzer** in C that identifies keywords, identifiers, numbers, operators, and symbols in source code.
* Strengthened skills in **C programming, string handling, and compiler design fundamentals**.
* **GitHub:** [Mini Compiler](https://github.com/VaishnaviBonthu005/MiniCompiler)

#### **Currency Converter**

* Designed and implemented a **GUI-based Currency Converter** using **Java AWT**.
* Strengthened knowledge of **Java, GUI programming, and event handling**.
* **GitHub:** [Currency Converter](https://github.com/VaishnaviBonthu005/CurrencyConverter)

**Soft Skills**

**Languages**

* English (Fluent)
* Telugu (Native)
* Problem-Solving & Debugging
* Team Collaboration
* Self-Learning & Adaptability
* Quick Learning