

# Vaishnavi Bonthu

[LinkedIn](#) | [GitHub](#) | [Portfolio](#)

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## Summary

Aspiring Computer Science Engineer with a solid foundation in full-stack development using JSP and PHP, 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.

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## Education

### **B.Tech in Computer Science and Engineering (CSE)**

Lakireddy Bali Reddy College of Engineering (LBRCE) | 2023 – Present

CGPA: **8.6**

### **Diploma in Computer Science and Engineering (CSE)**

Kakinada Institute of Engineering and Technology for Women (KIETW) | 2020 – 2023

Percentage: **87%**

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## 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**.
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## Technical Skills

- **Programming Languages:** C, C++, Java, Python
  - **Web Technologies:** HTML, CSS, JavaScript, PHP, MySQL
  - **Databases:** MySQL, Oracle
  - **Version Control:** Git, GitHub
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## Certifications & Achievements

- AWS Badge
  - Web Development Fundamentals Badge
  - Artificial Intelligence Fundamentals Badge
  - Salesforce AI Associate and AgentForce Specialist Certificates
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## Projects

### Personal Portfolio Website

- Developed a **responsive personal portfolio website** showcasing projects and skills.
- Utilized **HTML, CSS, JavaScript, and GitHub Pages** for deployment.

### 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**.

### Currency Converter

- Designed and implemented a **GUI-based Currency Converter** using **Java AWT**.
- Strengthened knowledge of **Java, GUI programming, and event handling**.

### Client Requirement Management System

- Completed a Full stack Project using php
- Strengthened skills in PHP, Html, Css, Javascript, MySQL

### Fake News Detection

- Developed a ML model using python and scikit-learn to classify news articles as true or false, achieving high accuracy through text preprocessing, TF-IDF feature extraction, and Naïve Bayes classification

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## Soft Skills

- Problem-Solving & Debugging
- Team Collaboration
- Self-Learning & Adaptability
- Quick Learning

## Languages

- English (Fluent)
- Telugu (Native)