

Bejagama Ambica

Bachelor of Technology
Computer Science and Engineering
Koneru Lakshmaiah Educational University Hyderabad

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Portfolio




EDUCATION

- KL University, Hyderabad, India** 2022 – 2026
Bachelor of Technology (B.Tech), Computer Science CGPA: 9.74
- Narayana Junior College, Hyderabad, India** 2020 – 2022
Class XII (TSBIE) Aggregate: 95.2%
- Pallavi Model School, Hyderabad, India** 2019 – 2020
Class X (CBSE) CGPA: 10.0

INTERNSHIP

- Piersoft Technologies Pvt. Ltd., Hyderabad, India** May 2024 – July 2024
Summer Intern, React Frontend Developer
 - Designed and developed reusable UI components for the Converse Portal using React.js, improving frontend consistency and maintainability.
 - Collaborated with cross-functional teams to enhance ERP system usability and interface responsiveness.
 - Gained hands-on experience in frontend workflows for enterprise-level applications.

PROJECTS

- Student Management System**  GitHub
Engineered a full-stack system for student and course management with role-based access.
 - Designed and developed 6+ functional modules using Java (Spring Boot) and React.js.
 - Built and deployed secure RESTful APIs for student, course, and profile management integrated with Oracle 19c.
 - Implemented robust authentication and authorization using JWT and Spring Security for admin, faculty, and student roles.
- Customer Churn Prediction (American Express)**  GitHub
Developed a predictive analytics solution using deep learning for financial services.
 - Built an Artificial Neural Network (ANN) model in Python (TensorFlow) for churn prediction.
 - Applied advanced feature engineering, categorical encoding, and preprocessing pipelines.
 - Achieved 85% prediction accuracy, validated with a confusion matrix and performance metrics.
- Farming Chatbot**  GitHub
Designed and deployed a full-stack chatbot to assist farmers with agricultural queries.
 - Developed a responsive frontend with React and scalable backend APIs using FastAPI.
 - Integrated MySQL for persistent storage of user queries and knowledge base.
 - Implemented secure login/signup, REST APIs, and modular microservice architecture for scalability and maintainability.

TECHNICAL SKILLS

Programming Languages: C, Java, Python

Web Development: HTML/CSS, JavaScript, React.js, Spring Boot, REST APIs, Git

Database: MySQL

Other Skills: Agile Methods, Data Analysis, Machine Learning

LANGUAGES

- English
- Hindi
- Telugu

POSITIONS OF RESPONSIBILITY

- Coordinator – Avinya (Annual Techno-Cultural Fest).
- Coordinator – Ivarna (Techno-Cultural Fest).