


# AKELLA LAKSHMI ANANYA

 ananyalepakshi@gmail.com    linkedin.com/in/ananya-lakshmi-0133b6275    github.com/Ananya-1105

## Objective

Motivated and detail-oriented Computer Science student with a strong foundation in programming, web development, and problem-solving. Seeking opportunities to apply my technical skills and knowledge in a dynamic environment to contribute to innovative projects and further develop my expertise in software development.

## Education

- Koneru Lakshmaiah Education Foundation** July 2023 – May 2027  
*Bachelor of Science in Computer Science | CGPA: 9.75/10.00* Vijayawada, Andhra Pradesh
- Sri Sarada Educational Institutions** June 2021 – May 2023  
*Board of Intermediate | Mathematics, Physics & Chemistry | Percentage: 94.8%* Vijayawada, Andhra Pradesh

## Relevant Coursework

Data Structures & Algorithms | Database Management Systems | Artificial Intelligence | Object-Oriented Programming | Operating Systems | Network Protocols

## Academic Projects

- Library Management System** | *Java, Swing, Event-Driven Programming*  
Developed a Java-based library management system to handle 500+ books, borrower details, and lending transactions, reducing manual tracking errors by 30%. Implemented real-time UI updates using event-driven programming, improving system responsiveness by 40%. Designed a search feature enabling users to filter books by title, author, or category, reducing search time by 50%. Enhanced user interaction with form validation and responsive feedback mechanisms, achieving a 95% user satisfaction rate in testing.
- StockSavvy: Inventory Management System** | *ReactJS, Spring Boot, MySQL*  
Built a full-stack web application with role-based access control for inventory management, supporting 100+ products and 3 user roles. Implemented a customer rewards system to track and update points based on purchase history, increasing customer retention by 20%. Developed React components for inventory display with sorting and filtering capabilities, reducing data retrieval time by 35%. Integrated secure authentication and authorization using Spring Security, ensuring 100% data integrity and preventing unauthorized access.

## Experience

- Python Full Stack Development Hackathon - KLEF** December 2024  
*Participant*  
Collaborated in a 36-hour hackathon to develop a food delivery web application using Django and PostgreSQL, serving 200+ simulated orders during the event. Designed and implemented the backend REST API and database schema for order management, reducing API response time by 25%. Created responsive frontend interfaces using HTML, CSS, and JavaScript, achieving a 90% user engagement rate during testing. Integrated user authentication and order tracking features, improving order accuracy by 15%.

## Technical Skills

**Programming Languages:** Python, Java, C, JavaScript, SQL  
**Web Technologies:** HTML/CSS, React.js, Node.js (Basic)  
**Frameworks & Tools:** Django, Spring Boot, Java Swing, Git, VS Code, MySQL Workbench  
**Databases:** MySQL, PostgreSQL, JPA (Basic)

## Soft Skills

**Problem Solving:** Adept at identifying and resolving technical challenges in projects and hackathons.  
**Team Collaboration:** Proven ability to work effectively in team environments, contributing to successful project outcomes.  
**Communication:** Strong presentation and documentation skills for technical and non-technical audiences.  
**Time Management:** Skilled at prioritizing tasks to meet deadlines in academic and extracurricular activities.

## Certifications

 **Lingua Skills - English Proficiency**  
*May 2024*



**Junos-JNCIA Certification in Juniper Networks Associate**  
*January 2025*