

# Bejjipuram Indra Kumar

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## SKILLS

- **Programming Languages:** Python, C++, Bash
- **Cloud & DevOps Tools:** AWS CloudFormation, Git, CI/CD pipelines, Docker
- **Platforms & Technologies:** Salesforce CRM, AWS, Azure, Virtualization
- **Soft Skills:** Adaptability, Communication, Team Collaboration, Analytical Thinking
- **Communication Skills:** English, Telugu, German, Hindi

## TRAINING

- **Board Infinity – Online Learning Platform** July 2024  
DSA Trainee  
Completed a summer training in Data Structures and Algorithms.  
Engineered a Library Management System project using C++.  
Implemented efficient data structures for book management, user records, and search functionalities.  
Strengthened problem-solving skills, Analytical Thinking and hands-on experience in applying DSA concepts.

## PROJECTS

- **Sign Language Recognition System – Real-time Alphabet Detection:** February 2025  
Developed a Sign Language Interpretation System during the HackAI Hackathon, focusing on real-time letter identification using artificial intelligence.  
Configured a tailored AI model to distinguish hand gestures representing individual letters and merged it with a React powered interface for instant visualization.  
Enhanced visual data processing and predictive analysis, boosting precision, efficiency, and overall functionality.  
Tech: Machine Learning, Python, React, Computer Vision
- **Library Management System – Efficient Book & User Record Management** July 2024  
Designed and built a Library Management System (LMS) during a DSA training, focusing on organizing and managing books, user records, and search operations.  
Utilized advanced data structures to enhance data storage, retrieval, and overall system efficiency improved by 15%.  
Optimized search and sorting algorithms, reducing query time and improving system responsiveness for book and user management.  
Tech: C++ · Data Structures & Algorithms

## CERTIFICATIONS

- Microsoft Certified: Azure Administrator Associate April 2025
- Salesforce Certified: AI Associate March 2025

## EXTRA-CURRICULARS

- **German Language Learning (A1 Level):** Since August 2024  
Developing multilingual communication and cultural awareness.
- **Participated in HackAI Hackathon:** January 2025  
Built a sign language ML model with a React-based frontend.  
Enhanced problem-solving, teamwork, and coding efficiency under tight deadlines.

## EDUCATION

- **Lovely Professional University** Phagwara, Punjab  
*Bachelor of Technology - Computer Science and Engineering; CGPA: 6.94* Since August 2022
- **Andhra Loyola College** Vijayawada, Andhra Pradesh  
*Intermediate; Percentage: 68.4%* June 2020 - March 2022
- **ZPHS- Ramavarappadu** Vijayawada, Andhra Pradesh  
*Matriculation; Percentage: 98%* April 2018 - March 2020