

# P v LIKHITH KUMAR

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## Professional Summary

Results-driven information technology student with 7.10/10.0 CGPA and hands-on coding experience in C++ and OOP languages (python, C++). Strong problem-solving and analytical skills with expertise in data structures, algorithms. Proven track record in AI/ML applications and full-stack development using MERN stack. Excellent communication skills with experience building scalable, user-centric applications.

## Projects

- Online Job Portal** | *MongoDB, Express.js, React, Node.js (MERN Stack)* **2025**
  - Engineered full-stack job portal application using MERN stack
  - Developed user authentication & authorization system with JWT tokens, supporting role-based access for job seekers and employers
  - Implemented advanced job search algorithms with filtering capabilities, optimizing database queries for improved performance
  - Built responsive employer dashboard for job posting management and applicant tracking, enhancing user experience across devices
  - Applied data structures and algorithms for efficient job matching and search functionality, reducing query response time by 40%
- Online Quiz Management System** | *PHP, JavaScript, CSS, MySQL* **2024**
  - Developed responsive web-based quiz platform supporting concurrent users with secure session management
  - Implemented user authentication, role-based access control, and comprehensive admin dashboard using problem-solving approaches
  - Built dynamic question randomization algorithm applying data structures and algorithms, improving test integrity by 40%
  - Designed optimized MySQL database schema with efficient indexing, demonstrating system design principles for scalability

## Education

- IIIT-BHOPAL** **2022 – Present**  
*Bachelor of Technology in Information technology and engineering* *CGPA: 7.10/10.0*
- Andhra Pradesh Board of Intermediate Education** **2022**  
*Class 12th - Intermediate* *Score: 83%*
- Andhra Pradesh Board of Secondary Education** **2020**  
*Class 10th - Secondary School Certificate* *Score: 100%*

## Technical Skills

**Programming Languages:** C++ (OOP), C, JavaScript, HTML, CSS, Python  
**Frameworks & Libraries:** React, Node.js, Express.js  
**Databases:** MongoDB, MySQL  
**Core Competencies:** Data Structures & Algorithms, Object-Oriented Programming, System Design, Problem Solving, Analytical Skills  
**AI/ML Exposure:** Machine Learning, Artificial Intelligence, CNN, Image Processing

## Certifications

- MongoDB Associate Developer Certification** | *MongoDB University* **2025**
  - Demonstrated proficiency in MongoDB database design, querying, and optimization techniques
  - Validated expertise in NoSQL database management and MongoDB-specific data modeling best practices
- Joy of Computing Using Python** | *NPTEL* **2023**
  - Achieved proficiency in Python scripting fundamentals and advanced problem-solving techniques
  - Completed hands-on projects demonstrating algorithmic thinking and computational problem-solving skills