

# VISHNU CHITYALA

B.Tech CSE (Artificial Intelligence), 3rd Year Student

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## Professional Summary

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An aspiring software developer with strong problem-solving skills and practical experience in building machine learning models, developing REST APIs, and implementing reliable software components using Python & Java.

## Technical Skills

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- **Languages:** Python, C++, Java
- **Web Development:** HTML, CSS, JavaScript, Flask, FastAPI, Spring Boot
- **Databases & DevOps:** MySQL, MongoDB, Firebase, Git and GitHub
- **Core Concepts:** Data Structures & Algorithms, Operating Systems, Computer Networks, Object Oriented Programming

## Professional Projects

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### Wearlytic - Fashion Data Analytics Tool — [Link](#) 2025

- Implemented a custom web scraping agent with multi-level priority task queues and high concurrency to improve data extraction and reduce processing time, while using custom object pooling technique to cut memory usage by 50%
- Built a data ingestion microservice with batch processing of 10,000 records per batch that automated data updates and streamlined data management by reducing 90% manual effort
- Orchestrated an end-to-end CI/CD workflow deploying scraping and data-ingestion services with Docker and AWS EC2, and managing frontend deployments using Vercel

### Effectiveness of Ensemble Learning — [Link](#) 2025

- Improved medical image analysis by training and evaluating 12 classification models, increasing accuracy by 15% on the CBIS-DDSM dataset
- Created a model-training pipeline with Sci-Kit Learn and TensorFlow to train and evaluate models, using DenseNet, MobileNet, and InceptionNet for feature extraction

### Multi-Tenant ERP Application — [Link](#) 2024

- Developed a multi-tenant ERP application enabling secure, isolated management of multiple clients within a single deployment
- Utilized Spring Boot and Spring JPA to handle business logic, integrated Spring Security for authentication, and designed user interfaces with Thymeleaf, HTML, CSS, and JavaScript

## Positions & Responsibilities

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### Research and Development Head, AltReality Club - Bennett University Oct 2024 – Mar 2025

*Uttar Pradesh, India*

- Managed a 5-member cross-functional team (research, operations, outreach) and successfully planned and executed three flagship events, achieving full participation and on-time delivery.
- Launched an AR-based multiplayer scavenger hunt game ([AR-Cade](#)), managing 50+ teams and 250+ players
- Created a custom [seat-booking website](#) for a club event, handling over 300+ bookings and 3,000+ page hits
- Directed the tech team for the [Innovate](#) Hackathon, implementing custom solutions for leader-boards, management panels, and landing pages which was used by 2000+ participants

## Achievements & Awards

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Dean's List Award, Bennett University: Recognized for academic excellence and ranking in the top 5% of the college

Competitive Programming: Achieved a maximum LeetCode rating of 1725, Codechef rating of 1530, and solved 300+ problems across CodeChef, LeetCode, and CSES

## Education

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### Bennett University

*Bachelor of Technology in Computer Science Engineering (Artificial Intelligence), CGPA: 9.4/10.0*

**Greater Noida, India**

*2023 – 2027*