

# Ayush Bhatt

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## Education

### VIT Bhopal University

*Bachelor of Technology in Computer Science*

CGPA – 8.52

May 2021 - Ongoing

## Technical Skills

**Project Tools:** Agile, Scrum, Kanban, Stakeholder Management, Risk Assessment

**Tools & Languages:** Python, SQL, PowerBI, Jira, Trello, Notion

**Technologies:** Cloud Computing, Data-Driven Decision Making, Customer Analytics, Business Intelligence

**Certification:** Google Professional Project Management Certification

## Experience

### The PreProd Corp

*Data Analyst Intern*

Nov 2023 – May 2024

- Developed a Flask-based ML pipeline for food demand forecasting (100K+ samples, RMSE 63) using Agile & Scrum for iterative improvements.
- Built interactive PowerBI dashboards, optimized DVC & MLFlow, and leveraged PySpark with Kafka for real-time data processing in a cross-functional Agile team.
- Built a comprehensive web application for seamless invoice generation, report creation, and CRM management, providing robust support to a client managing three hospitals and serving over 30 clients, streamlining operations, improving client interactions, and enhancing overall workflow efficiency.

## Projects

### SteganoMask

*Agile & Scrum, Stakeholder Engagement, Risk Assessment, Strategic Planning.*

Apr 2024

- Designed a Flask-based web application to add digital hidden watermarks to multimedia content, enabling content creators to control the use of data for AI training. Supports 4 multimedia formats: images, videos, audio, and text.
- Managed project milestones using Agile & Scrum, ensuring iterative feature releases based on user feedback.
- Led a team in developing a content protection tool for digital creators, preventing unauthorized AI model training.
- Reduced image classification accuracy from 95% to 40% and text sentiment analysis accuracy from 76% to 50%.
- Link: <https://stegnomask.onrender.com/>

### QR Buddy

*Project Execution, Sprint Planning, Cross-Functional Collaboration*

Jan 2024

- Created a web application for event ticketing and attendance management, featuring ticket creation, email notifications, admin control panel, and attendance scanning; handled 2500+ API requests.
- Collaborated with event organizers and stakeholders to refine the user experience, enhancing adoption and efficiency.
- Led backend development and integrated the frontend within a 3-person team, delivering high performance.
- Link: <https://qrbuddy.pythonanywhere.com/>

### Ticket Guru

*Go-to-Market Strategy, Data-Driven Decision Making, Leadership*

Jun 2024

- Optimized a web portal for museums to manage online ticket bookings, verification, and data visualization.
- Implemented an AI-powered chatbot using Retrieval-Augmented Generation (RAG) via Gemini API for automated ticket booking and customer queries, enhancing user interaction in 7 Indian languages.
- Designed go-to-market strategy and analyzed user engagement data to optimize product performance.
- Integrated Twilio for a WhatsApp-based chatbot, enabling ticket purchases through WhatsApp messaging.

## Leadership / Extracurricular

### Cisco Campus Ambassador, Microsoft Campus Ambassador

*VIT Bhopal University*

Jul 2021 – Present

- Delivered presentations to over 500 students, enhancing tech literacy by simplifying complex concepts.
- Led a team of over 15 people for conducting 5+ technical seminars, boosting student participation in tech initiatives.

### VITronix VIT Bhopal (PR Lead)

Jul 2022 – May 2024

- Led and supervised a 20-member team in developing a humanoid robot using Arduino.
- Automated attendance generation, email distribution, and ticket creation using Python, cutting work across 300 records.