

# Yajuvendrasinh Chudasama

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## EDUCATION

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### VIT Bhopal University

B.Tech in Computer Science | CGPA: 8

VIT, Bhopal

Jun 2022 – Jun 2026

## TECHNICAL SKILLS

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**Programming Languages:** Python, C++, C

**Web Development:** HTML5, CSS, JavaScript, Express, Node.js, MySQL, MongoDB, Bootstrap, APIs, Postman

**Tools & Platforms:** Jupyter, Git, VS Code, Visual Studio, MongoDB Compass, Meta Mask

**Version Control:** Git, GitHub

**Soft Skills:** Led cross-functional teams, met tight project deadlines, and effectively communicated complex technical concepts.

## PROJECTS

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### City-Fact-AI-Agent – LLM-Orchestrated Creative Fact Generator

June 2025

*Agentic AI — Prompt Engineering Project*

*Python, YAML, OpenRouter (Meta LLaMA), Prompt Engineering*

- Created modular AI agents that generate city facts in poetic, funny, or formal styles via persona-based prompts.
- Used YAML to define input-output pipelines and orchestrate dynamic multi-city fact generation loops.
- Enabled style customization and personalized greetings using user input and context-driven prompt tuning.
- Executed and tested the system locally; deployment instructions included for EC2 compatibility.

### ReferralConnect – AI-Powered Job Referral Automation Platform

Apr 2025 – May 2025

*Full-Stack Web Development Project*

*React, Node.js, Express, MongoDB, Python, OpenAI, Selenium, JWT, SMTP*

- Built a full-stack app to automate referrals via resume parsing, AI-generated emails, and SMTP outreach.
- Parsed PDF/DOCX resumes in Python and used GPT API to craft tailored emails aligned with job context.
- Matched users with professionals using role-based logic and automated email dispatch with Selenium + SMTP.
- Developed dashboards for tracking history, regenerating content, and managing user/admin workflows.
- Implemented JWT-based authentication and access control for secure interaction and data management.

### Scalable File Storage System using AWS S3

Jan 2025 – Feb 2025

*Backend Engineering Project*

*Node.js, Express, AWS S3, REST API, AWS SDK, Pre-signed URLs, Multer*

- Engineered RESTful APIs for uploading, retrieving, and deleting files using AWS S3 and pre-signed URLs.
- Enabled secure, large-file handling via multipart upload and lifecycle policies with minimal-privilege IAM roles.
- Integrated middleware for file validation (type/size) and structured code for scalability and extensibility.

## CO-CURRICULAR ACTIVITIES

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- Hackathon Participant: Engaged in 10+ coding and AI hackathons, building real-time solutions under pressure.
- Tech Explorer: Self-learned tools like LangChain, OpenAI APIs, and cloud platforms through project-based learning.
- Team Lead: Led student teams in tech fests and coding sprints, fostering collaboration and clear execution.
- Sports Outdoors: Horse rider, camper, and football enthusiast—reflecting discipline, strategy, and team spirit.
- Animal Lover: Deeply involved in nature and animal care, especially horses; value empathy and responsibility.