

Jagjit Bhosale

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EDUCATION

Vishwakarma Institute of Information Technology <i>B.Tech in Computer Science and Engineering (AIML), CGPA – 8.69</i>	Pune, India 2023 – 2027
Decent School <i>CBSE – Grade XII, 78.8%</i>	Kota, Rajasthan, India 2020 – 2022
Kidees Info Park <i>CBSE – Grade X, 92.8%</i>	Latur, Maharashtra, India 2015 – 2020

ACHIEVEMENTS

- Best Solution Award** at InnovateYou Techathon 2.0 – Ranked 1st out of 327+ teams (1200 participants) for an AI-powered civic-tech solution.
- First Place** at COEP CSI INSPIRON 4.0 Hackathon – Won company-sponsored challenge by E6Data & Mira with project *AlphaGen*.
- Third Place** at MKSSS Cummins × Mastercard Hackathon – Built *EcoSmart* for women's college hackathon, praised for civic engagement impact.

PROJECTS

- Retailverse** | *Next.js 14, TypeScript, WebSocket, PostgreSQL, Clerk* [\[Deployed\]](#) [\[Demo\]](#) Walmart Sparkethon 2025
 - Created three major features for retail enhancement: **real-time collaborative Shopping Pods**, **AI-driven Smart Search**, and a **Smart Store Navigator** for in-store assistance.
 - Implemented WebSocket-based live collaboration, invite-based session management, and persistent data handling using PostgreSQL and Prisma ORM.
 - Integrated Clerk authentication, responsive interface design, and accessibility-compliant navigation for cross-device usability.
- AlphaGen** | *Next.js, Python, FastAPI, Hugging Face, FFmpeg* [\[Deployed\]](#) [\[GitHub\]](#) Mar 2025
 - Developed AI platform using Next.js, Python, FastAPI, Hugging Face, and FFmpeg to auto-generate content for content creators.
 - Integrated analytics tools, Chrome extension, and Gemini LLM for content recommendations.
 - **Winner** – COEP CSI INSPIRON 4.0 Hackathon.
- CodeFun** | *React, JavaScript, MongoDB* Feb 2025
 - Designed a gamified coding platform that teaches kids through interactive games, puzzles, and challenges.
 - **Implemented** an integrated code submission and progress-tracking system enabling personalized learning insights.
- EcoSmart** | *Next.js, Node.js, FastAPI, MongoDB, Gemini LLM* Apr 2025
 - Architected a real-time civic issue reporting platform using image recognition and geolocation for instant issue reporting.
 - Designed citizen and authority portals with service ticketing, live alerts, automation workflows, and an AI chatbot.
 - Achieved **3rd Place at MKSSS Cummins x Mastercard Hackathon**.

TECHNICAL SKILLS

Languages: C/C++, JavaScript, Python, Java, SQL, TypeScript, HTML/CSS
Frameworks: React.js, Next.js, Node.js, FastAPI, MongoDB, Express.js
Data/Cloud Tools: PostgreSQL, Prisma, Airflow, BigQuery, Terraform, Clerk, Docker
Libraries: Pandas, NumPy, Matplotlib
Developer Tools: Git, GitHub, VS Code, Windows, CI/CD pipelines