

Jagjit Bhosale

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EDUCATION

Vishwakarma Institute of Information Technology	Pune, India
<i>B.Tech in Computer Science and Engineering (AIML), CGPA – 8.69</i>	2023 – 2027
Decent School	Kota, Rajasthan, India
<i>CBSE – Grade XII, 78.8%</i>	2020 – 2022
Kidees Info Park	Latur, Maharashtra, India
<i>CBSE – Grade X, 92.8%</i>	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 <i>Next.js 14, TypeScript, WebSocket, PostgreSQL, Clerk</i> [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 <i>Next.js, Python, FastAPI, Hugging Face, FFmpeg</i> [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 <i>React, JavaScript, MongoDB</i>	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 <i>Next.js, Node.js, FastAPI, MongoDB, Gemini LLM</i>	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