GAYATRI DEEPAK KALE

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🎓 EDUCATION

MIT World Peace University, Pune

B.Tech in Electronics and Communication Engineering – AI & ML Specialization

2023 – 2027 | CGPA: 8.4

🧠 INTERESTS

VLSI Design, AI Applications in Electronics, Interdisciplinary Innovation, Research in Chemistry + AI, Intelligent Systems

💼 EXPERIENCE & LEADERSHIP

• Student Placement Representative, MIT-WPU

• Tech Team Member, Innovation Hub

• Research Author (In Progress): Writing a multidisciplinary research paper integrating Artificial Intelligence and Chemistry (Confidential Title)

🚀 PROJECTS

1. Automated Public Lighting System

Developed a smart lighting solution integrating multiple sensors with a unified dashboard for efficient monitoring and energy management.

2. AI for Commute

Designed an intelligent traffic routing solution to distribute vehicular load efficiently using AI-based route allocation from the point of origin.

♟ ACHIEVEMENTS & VOLUNTEERING

• Participated in KPIT Sparkle, Smart India Hackathon (SIH)

• Volunteered at SLDP and BCS programs hosted by MIT-WPU

⚒ TECHNICAL SKILLS

• Languages: C++, Java, C, Python, MATLAB, HTML (Basics)

• Tools & Platforms: CodeChef, LeetCode

• Soft Skills: Leadership, Teamwork, Management

• Languages Spoken: Hindi, Marathi, Sanskrit, German, English

⌖ EXTRACURRICULARS

• Hobbies: Dancing, Poetry, Traveling

• Sports: Badminton, Swimming