Yash Mhatre

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CAREER OBJECTIVE

Aspiring AI Student with a strong foundation in backend development, GenAI applications, and practical experience in Python-based backend systems. Adept at integrating AI-driven solutions into real-world scenarios with a focus on automation, efficiency, and innovation. Eager to contribute to meaningful projects and grow within a dynamic tech environment.

EDUCATION

Shri Bhagubhai Mafatlal Polytechnic and College of Engineering, Mumbai
BTech in Computer Engineering   *Present*

Bhausaheb Vartak Polytechnic College, Mumbai
Diploma in Computer Engineering   *June 2025*

V.P.M's Vidya Mandir, Mumbai
Secondary School Certificate   *May 2022*

SKILLS

GenAI & Automation Tools

AI/ML Fundamentals & Model Integration

Python Backend Development

REST APIs Design & Implementation

Database Handling

Version Control

Soft Skills: Team Collaboration, Presentation, Communication

EXPERIENCE

OpenSpace Services
Python Backend Intern   *May 27, 2024 – July 27, 2024*
- Worked on backend architecture for an e-commerce platform.
- Learned real-world implementation of backend concepts like routing, authentication, database integration, and RESTful patterns.
- Collaborated on team-based development practices including version control, documentation, and API design.

ACHIEVEMENTS

1st Prize, Technical Paper Presentation – MSBTE

Consolation Prize, Project Competition – MSBTE

PROJECTS

Elliot – AI-Powered Software Development Suite (Agent-as-a-Service)
- An innovative development suite powered by AI agents that assist with code scaffolding, task execution, and automation workflows.
- Implements agent-based task handling and tool invocation.
- Emulates a workspace-like environment similar to collaborative platforms with developer tools embedded.
- Backend designed using REST principles to enable modular plug-in support.

Designno – AI-Powered Figma Plugin
- A GenAI-based plugin that enhances the design workflow by generating design suggestions and mockups based on textual input.
- Integrates language models with a design canvas for smart element placement.
- Handles prompt-to-design translation using OpenAI APIs and internal logic.
- Showcases use of AI in augmenting UI/UX design tasks.