

NAYAN BEBALE

Building efficient and scalable solutions

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SUMMARY

Highly motivated B.Tech. in IT student in 4th with a knack for innovative solutions. Awarded a patent for an AI-powered application platform generator and finalist in the Smart India Hackathon, demonstrating expertise in Python development. Proficient in databases, machine learning, APIs, and web development frameworks like Django, Flask. Eager to leverage expertise in ML and AI to solve real-world problems and contribute to cutting-edge projects.

EDUCATION

B.Tech Information Technology
Sage University Indore CGPA
2022-2025 Indore, India 452015 8.3/10

Innovations

Patent

“System and Method for Automatically Generating an Application Platform Based on User's Requirements Using IoT”

Team Leader Issued: 12 May, 2023 Indore, India 452015

As the Team Leader, System Designer, and Python Developer for the patented project, I orchestrated a multifaceted approach to create an innovative solution that automates the generation of application platforms based on user requirements through IoT integration.

Role and Responsibility:

- Leadership and Team Guidance
- System Design Expertise & Python
- Documentation & Process Management
- Communication and Representation

SKILLS

Programming

Python	Django	Flask
SQL	REST API	Numpy
Git	Matplotlib	Pandas

Web designing

HTML	CSS	JavaScript
Bootstrap		

Database

MySQL	SQLite	Django ORM
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Experience

Python development Tutor

Self-Employed

Nov, 2023-Feb, 2024 Indore, India 452015

Self-employed role providing personalized Python development tutoring sessions for students.

Role and Responsibility:

- Curriculum development & Hands-On Coding Sessions
- Individualized Guidance & Skill Enhancement
- Project Based Learning & Progress Assessment

Projects

Udyog Sarthi - AI-powered Web Platform for Disability Inclusion

Led the development of Udyog Sarthi, a Django-based platform connecting disabled individuals with education and job opportunities using personalized AI recommendations. Designed and built the secure backend architecture, implemented machine learning algorithms for accurate suggestions, and contributed to a user-friendly UI/UX. Finalist recognition showcases my commitment to social impact and problem-solving through technology. Eager to leverage my technical skills and passion for accessibility in a meaningful internship.

Realization of Image in 3D using Holoportation for Human Brain System into 3D Anatomy

As the project lead, I embarked on the exploration of cutting-edge technology to revolutionize the visualization of the human brain in three dimensions. Guided by my mentor, I undertook the challenge of developing a novel approach using Holoportation, aiming to enhance medical education and surgical planning.

This project showcases my leadership, technical expertise, and commitment to pushing the boundaries of medical visualization for educational and practical purposes.

Diary by Us- A.I. Powered Diary to inchnance daily life

"Diary by Us" combines journaling, reflection, and goal setting with advanced technology for summarization and analysis. This ongoing project aims to empower users in their journey towards self-discovery and growth, providing a user-friendly platform for meaningful personal development.