NAYAN BEBALE

Python Developer | Building efficient and scalable solutions

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SUMMARY

Highly motivated B.Tech. in IT student 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

📅 2022-2025   📍 Indore, India 452015

CGPA
8.3/10

Experience

Python development Tutor
Self-Employed

📅 Nov, 2023-Present   📍 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

Smart India Hackathon Finalist-2023
Backend Developer, System Designer, Database Administrator

📅 Oct, 2023 - Dec, 2023   📍 Channi, India

Thriving under pressure at Smart India Hackathon 2023, I led the backend development of Udyog Sarthi, an AI-powered platform

SKILLS

Programming

Python   Django   Flask

SQL   REST API   Numpy

Git   Matplotlib   Pandas

Web designing

HTML   CSS   JavaScript

Bootstrap

Database

MySQL   SQLite   Django ORM

Key Skills & Strengths

Technical Experience

Python Backend Development

Version Control System

Database Management

Collaboration

Communication & interpersonal skills

Ability to lead and motivate team

connecting disabled individuals with opportunities. Beyond building a secure Django architecture, I honed my communication skills explaining complex concepts to teammates and integrated external technologies. This intensive experience ignited my passion for accessibility and problem-solving.

Problem-Solving & Adaptability

Adaptable to new challenges and changing environments

Quick learner with a passion for continuous improvement

Innovations

Patent

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

Team Leader & System designer   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 Development
- Documentation & Process Management
- Communication and Representation

Projects

Udyog Sarthi - AI-powered Web Platform for Disability Inclusion
Backend Developer, System Designer, Database Administrator

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
M.L. Engineer

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 inchance daily life
Backend Developer

"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.