

Vikash Mishra

Software Development Engineer

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https://www.geeksforgeeks.org/user/vikash_mishra/ | My Portfolio

PROFILE

Proficient in Python and Django for backend web development, with experience in building scalable applications. Skilled in data visualization using Power BI, with fair experience in Kubernetes and Docker for containerization and deployment. Knowledgeable in frontend development, API integration, and database management. An effective team-oriented committed to delivering optimized, scalable solutions with a focus on quality and performance.

TECHNICAL SKILLS

Programming Languages: Python, C++, C | **Data Visualization:** Power BI, Zebra BI | **Database:** MySQL, SQL | **Cloud Technology:** Git, GitHub, AWS, Azure, Docker, Kubernetes | **Back-end:** Django, Flask | **Front-end:** HTML, CSS, JS

PROFESSIONAL EXPERIENCE

Software Developer, Caresoft Inc.

Apr 2024 – present

- Developed an AI-powered chatbot using Flask, OpenAI API, and Meta API, enhancing user interactions and increasing bot accuracy from 60% to 95%.
- Azure Hosting: Leveraged Azure for scalable hosting, handling 10,000+ concurrent users with low-latency communication.
- Designed and implemented scalable backend architectures, enabling the chatbot to handle more than 1000 requests simultaneously.
- Achieved seamless integration of chatbot solutions using containerization strategies with Docker and orchestration via Kubernetes for handled 10000 client interactions simultaneously.
- Created reusable DAX measures and custom Zebra BI visuals, increasing productivity by 10-20% by solving common reporting challenges and providing flexible, data-driven insights in Power BI.

Web Developer, Eviox Private Limited.

Oct 2023 – Dec 2023

Worked on projects:

Ecommerce Platform (Shopkart)

- Developed Shopkart using Django, Bootstrap, and JavaScript, managing 40+ products, 50+ orders daily, integrated PayPal for payments, and deployed the project on AWS for scalable hosting.

Voice AI Application

- Built using OpenAI API, Django, HTML, CSS, and JavaScript.
- Features include voice and text input, image and text processing, and comment integration.

Web Designer, Pninfosys

Nov 2021 – Jan 2022

- Created responsive web pages for multiple device types, ensuring 100% cross-browser compatibility using Bootstrap, HTML, and CSS.

EDUCATION

Bachelor of Technology in Computer Science, Institute of Technology and Management Gwalior
CGPA - 8.8

Jul 2020 – Jul 2024
Gwalior (M.P)

Intermediate (PCM), IPS Academy
State Board (91%)

2019 – 2020
Bhind (M.P)

High School, IPS Academy
State Board (84%)

2017 – 2018
Bhind (M.P)

ACHIEVEMENTS

- Gold medalist for Academic excellence in Btech. Computer Science Engineering.
- Secured the 1st place in the 12th grade examinations at my school.
- Secured 3rd place in the novel review writing competition at the institutional level.
- Secured 1st place and a gold medal in the Code Xtreme Problem of the Day challenge at Geeks Olympics 2023.