Monis Shaikh

• monis.shaikh.0212@gmail.com • +91 8878618087

Education

VIT BHOPAL UNIVERSITY   Bhopal, MP
B.Tech in Computer Science with Specialization in Cloud Computing | GPA: 8.33/10   Expected: 2026

Skills & Interests

Languages and Frameworks: C++, Python, JavaScript, ReactJs, React Native, NextJs, Tailwind CSS, FastAPI
Data Science & ML Libraries: PyTorch, TensorFlow, Pandas, NumPy, Matplotlib, Seaborn, OpenCV, GSAP
Tools & Platforms: Figma, MongoDB, AWS, Thonny, ChatGPT, Fedora Linux, Ubuntu Linux

Internship

ASolution | Remote
Full Stack Intern   May 2024 - Present
- Led website redesign using React.js, GSAP, and Tailwind CSS, improving load time by 30% and enhancing user experience. Implemented modern web technologies for dynamic, responsive platform functionality.
- Developed SEO-focused website with advanced performance metrics, increasing SEO score from 74% to 87% and Lighthouse performance score from 60% to 81%. Managed deployment processes and ongoing maintenance workflows to ensure optimal site reliability and performance.
- Collaborated with cross-functional teams to align technical solutions with departmental needs and business objectives. Facilitated integration of stakeholder requirements into development process while maintaining scalability and technical standards.

Projects

DeepMetrics | AI Model Benchmarking Tool
Backend Engineer   May 2025
MERNxAI Hackathon Runner Up Winner
- Architected and deployed a comprehensive AI model benchmarking platform supporting multiple model formats (TensorFlow, PyTorch, ONNX) with automated performance evaluation.
- Implemented automated benchmarking infrastructure measuring critical performance metrics including inference latency, memory consumption, GPU utilization, throughput, and accuracy scores across 5+ standardized evaluation frameworks, reducing manual testing time by 85%
- Developed high-performance backend using FastAPI with asynchronous processing capabilities and responsive Next.js frontend dashboard, achieving 40% faster load time

SportTea | Athlete Management Platform
FullStack Engineer   May 2025
- Developed a centralized web platform to streamline athlete careers by integrating performance tracker, injury logs, and sponsor discovery, facilitating connections between athletes and coaches.
- Built scalable full-stack solution utilizing Next.js for responsive frontend, MongoDB for flexible data storage, and Clerk Auth for secure user management, implementing role-based access control for athletes and coaches.

PathFinder | ML-Powered Career Guidance Platform
ML Engineer and Developer   June 2024
- Developed and deployed a Random Forest-based career recommendation system achieving 89% prediction accuracy by analyzing user profiles, skills assessments, and industry trends providing personalized guidance to help users make informed career decisions.
- Created intuitive web interface with interactive career exploration tools, detailed pathway visualizations, and comprehensive guidance resources for each recommended career track.