YASH MEENA

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EDUCATION

VIT Bhopal University   Bhopal, Madhya Pradesh
Bachelor of Technology in Computer Science Engineering   *October 2022 – Present*
CGPA: 8.28

ST. Montfort School   Bhopal, Madhya Pradesh
12th Standard, major in PCM   *August 2021*
Percentage: 92.3%

TECHNICAL SKILLS

Languages: C/C++, Python, Java, HTML, CSS, JavaScript, SQL, PHP
Frameworks/Tools: React.js, Node.js, Express.js, Next.js, Git, AWS, GCP, Firebase, MongoDB, Docker, NumPy, Pandas, REST API

PROJECTS

Mergeee! PDF Merger | *Next.js, MongoDB, Clerk Authentication, REST API*   May 2025
- Developed comprehensive PDF merging application using Next.js and MongoDB with drag-and-drop functionality, enhancing document processing efficiency by 40% and supporting 500+ concurrent users.
- Integrated Clerk authentication system with RESTful APIs achieving 95% security compliance and optimized MongoDB schema for user tracking, improving operational efficiency by 30%.

Crisis-Nexus | *React.js, Node.js, MongoDB, API Integration, Team Project*   April 2024
- Engineered disaster management platform using React.js and Node.js with 95% location accuracy, increasing emergency event participation by 40% through NGO API integration and collaboration.
- Implemented geolocation-based hospital finder and incident reporting system with MongoDB integration, achieving 98% uptime and reducing emergency response time by 30%.

Forest Fire Predictor | *Machine Learning, Python, Random Forest, Data Analytics*   May 2024
- Developed machine learning model using Random Forest algorithm and hyperparameter tuning to predict forest fire occurrence, achieving 78% prediction accuracy with real-time disaster forecasting capabilities.
- Collected and analyzed environmental data (humidity, wind speed, moisture) using Python libraries, improving model reliability by 20% through effective data mining and preprocessing techniques.

EXPERIENCE

Software Development Intern   November 2024 – January 2025
Advait Business Solutions Hub   *Hybrid, Bhopal*
- Architected and deployed responsive website using HTML, CSS, JavaScript and modern frameworks, achieving 100% cross-browser compatibility and optimal performance metrics.
- Collaborated with UI/UX teams implementing scalable frontend/backend architecture, reducing debugging time by 25% through systematic testing and code quality optimization.

CERTIFICATIONS

Marketing Analytics: **IIT Kharagpur, NPTEL**, May 2025
Cloud Computing: **IIT Kharagpur, NPTEL**, April 2024
The bits and bytes of Computer Networking: **Google, Coursera**, December 2023

ACHIEVEMENTS

Hackathon participant with collaborative development experience | DSA problems solved on GeeksforGeeks/LeetCode with consistent streaks | Event management and leadership skills with strong interpersonal communication | Artist | Creative content creator, work on digital platforms |Sports enthusiast with demonstrated teamwork, discipline, and competitive performance abilities.