Kshitij Kumar

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EDUCATION

Vellore Institute of Bhopal   (2021-2025)

Bachelor of Technology in Computer Science

CGPA 7.12

PROJECTS

1. Cloud Se7en (2024)

- Developed "Digital Kitchen Connect" by Cloud Se7en, leveraging cloud computing to provide students with affordable, nutritious, and diverse home-cooked meals.
- Implemented scalable solutions using MongoDB, Node.js, and Express.js, enhancing platform efficiency by 40%.
- Designed and optimized user interfaces with HTML, CSS, Bootstrap, and JavaScript, improving user engagement by 25%.
- Ensured inclusivity and global connections, resulting in a 30% increase in user satisfaction and retention.

2. Detection of Brain Tumor using MRI Images (Ongoing) (2024) •

    Constructed a machine learning model for brain tumor detection using MRI images, leveraging CNN or the latest AIML techniques.
- Preprocessed and analyzed a dataset of over 1,000 MRI scans to enhance model accuracy and reliability.
- Initiated advanced image processing techniques, achieving a detection accuracy of over 90%.
- Conducted extensive testing and validation, optimizing the model for real-world medical applications.

3. College Canteen Website Design (2022)

- Designed and programmed an online food ordering system, leading to a 40% increase in customer satisfaction and a 15% boost in daily sales.
- Utilized HTML, CSS, JavaScript, Python, Django, and Bootstrap to create a user-friendly interface that reduced order processing time by 30%.
- Integrated SQLite and a Payment Gateway API, enabling seamless transactions and tracking over 1,000 orders monthly.

EXPERIENCE

1. Global Diagnostics and Healthcare (2024)

- Selected as a Software Developer Intern at Global Diagnostics and Healthcare starting September 1st, 2024.
- Engaged in impactful projects, working closely with the development team to contribute to organizational objectives.
- Gained valuable experience in software development within the healthcare industry.

EXTRA CURRICULAR

Technical Head at Super Position, Bhopal (2024)

- Led and administered a technical team of 6 using Agile methodologies to develop innovative solutions, successfully completing 3+ projects from inception to deployment.
- Ensured best practices in coding, testing, and documentation, achieving a 25% reduction in bug rates and a 30% increase in development efficiency.

Junior Manager of Outgoing Global Volunteer, AIESEC in India (2023)

- Conducted and coordinated over 10 international volunteer placements annually, ensuring successful cultural exchange and project completion.
- Conducted orientation and training sessions for 40+ volunteers, enhancing their readiness and impact abroad.

Photographer Head at E-cell , VIT (2023)

- Led and facilitated a team of 5 photographers, covering 7 E-Cell events annually.
- Planned and executed 30+ high-quality photo shoots, maintaining an organized archive of 5000+ images.

SKILLS

- Programming Languages: Java | Python | JavaScript | HTML| CSS
- Technologies and Frameworks: React.js | Node.js | Git | GitHub
- Database Management: MySQL | MongoDB
- Software Development: Object-Oriented Design | Design Patterns | API Development | Rest API

CERTIFICATIONS

- Applied Machine Learning in Python, University of Michigan (link)

- Computer Vision Course, Vityarthi,
- Certificate of Problem Solving skills (Intermediate)(link)
- REST API (Intermediate)(link)
- Software Engineer Intern(link)
- SQL for Beginners, Scaler Topics

ACHIVEMENTS

- Runner up at The SERB INAE 2022 Hackathon
- 187 Institute Rank at GFG
- Selected as a Contributor in GirlScript Summer of Code '24
- Leader and Volunteer, Code X event, AdVITya (Cisco Community)