Yuvraj Sankilwar

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SUMMARY

Dynamic and results-driven computer science student with hands-on experience in full-stack web development (MERN), machine learning, and DevOps. Proficient in building scalable applications, integrating AI models, and deploying production-ready systems. Adept at leveraging cloud technologies, CI/CD pipelines, and modern frameworks to drive innovation. Seeking to contribute technical expertise to impactful web and AI projects.

EDUCATION

- **BRACTŚ Vishwakarma Institute of Information Technology** — Pune, India
  Bachelor of Technology - Computer Science & Engineering (AI & ML); GPA: 8.16 — *Nov 2022 – May 2026*
  - **Relevant Courses**: Operating Systems, Data Structures, Machine Learning, Networking, Databases
- **Higher Secondary Education** — Maregaon, India
  Maharashtra State Board - Science Stream ; Grade: 87% — *May 2021 – May 2022*
- **Secondary Education** — Maregaon, India
  Maharashtra State Board- Science Stream ; Grade:93.80% — *May 2019 – May 2020*

SKILLS SUMMARY

- **Programming Languages**: Python, JavaScript, Java, SQL
- **Web Development**: MERN Stack (MongoDB, Express.js, React.js, Node.js), HTML, CSS, Tailwind CSS
- **Machine Learning**: TensorFlow, PyTorch, Scikit-learn, Flask
- **DevOps Tools**: Docker, Kubernetes, CI/CD (GitHub Actions, Jenkins), AWS
- **Database Management**: MongoDB, MySQL
- **Version Control**: Git and Github
- **Soft Skills**: Team Work, Communication, Problem Solving, Interpersonal Skills, Multitasking

PROJECTS

- **Adhyayana: AI-Powered EdTech Platform**:
  - Gained expertise in integrating real-time AI models for enhanced user engagement.
  - Learned efficient API design for seamless communication between frontend and backend.
  - Improved skills in creating interactive and user-friendly interfaces.

- **Devmatrix: EdTech Platform**: Built a full-stack application enabling tutors to manage courses and write blogs.
  - Strengthened understanding of secure authentication and scalable backend design.
  - Enhanced deployment skills using Netlify for streamlined user experiences.
  - Learned best practices for structuring databases to handle dynamic content like courses and blogs.

- **AgroPulse: Wheat Disease Detection Model**: Developed an AI-powered system to detect wheat leaf diseases and provide crop health insights.
  - Gained hands-on experience with containerization using Docker for deployment.
  - Improved proficiency in integrating deep learning models with high-performance backends.
  - Learned how to efficiently manage datasets and models using AWS services.

CERTIFICATIONS & COURSES

- **IBM DevOps Specialization (Coursera)**:
- **Deep Learning Specialization (DeepLearning.ai, Coursera)**:
- **Full-Stack Development Bootcamp (Udemy)**:
- **Fundamentals of Deep Learning (NVIDIA)**:

ACHIEVEMENTS & LEADERSHIP

Organized Vishwapreneur'24: A national-level E-Summit where I served as HR Coordinator, facilitating 500+ attendees.

Algorithmic Problem Solving: Solved 100+ problems on LeetCode, significantly enhancing algorithmic and coding skills.

Volunteer Experience

- **Associate CRC Head, EDC VIIT**
  VIIT, Pune *Jan 2018 – Present*
    - **Leadership and Teamwork**: Collaborated with a team to organize workshops, sessions, and national-level events, impacting over 7,000 aspiring entrepreneurs and developers.
    - **Event Management**: Planned and executed Vishwapreneur, a flagship event connecting successful entrepreneurs and startup enthusiasts nationwide.
    - **Entrepreneurial Skills**: Developed expertise in fostering innovation and guiding aspiring entrepreneurs with technical, leadership, and managerial skills.
    - **Networking**: Built relationships with industry leaders, startups, and peers, gaining exposure to the dynamic startup ecosystem.

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