Devansh Khatri

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SUMMARY

Detail-oriented MCA student with hands-on experience in front-end development and AI-integrated projects, strong problem-solving skills, and a solid foundation in web technologies and database management. Proven ability to lead projects, manage time effectively and contribute to team-based research initiatives

SKILLS

- **Languages**: HTML, CSS, C++, JavaScript, SQL, TypeScript, Python
- **Library/Framework**: Node.js, Express.js, React.js, Tailwind CSS, Next.js, CI/CD Pipeline
- **Tools**: GIT, AWS, VS Code, VMware, Kali-Linux
- **Concepts**: Data structure & Algorithm, Problem Solving, OOPs, AI tools & agents
- **Soft Skills**: Leadership, Event Management, Writing, Public Speaking, Time Management

LEADERSHIP EXPERIENCE

- **Campus Ambassador Intern– RendezvousX, IIT Delhi** — Remote
  Promoted IIT Delhi's annual cultural festival through social media outreach and peer engagement. Sept'23– Oct'23

- **Volunteer Assistant– Placement Data Management (with Mr. Vivek Jain)** — OnSite
  Assisted in organizing and maintaining records of placed students for departmental use. June'23- Aug'23

PROJECTS

Fractional Asset - Tokenised Real Estate Investment Platform (Jan'26 - Ongoing)

- Role: Front-End Developer System Designer
- Stack: React.js, Vite, shancn, Tailwind CSS, Web3, React Router.
- Built a high-performance fractional real-estate investment platform enabling users to buy as little as 1% ownership, featuring wallet-based authentication, real-time investment flows, a unified asset wallet, and instant token transfers inspired by NPCI's asset tokenisation model.

Garden Revival System – Smart AI & IoT-Based Park Maintenance (Feb'25 – July'25)

- Role: Front-End Developer & Research Contributor.
- Tools: OpenCV, CVzone, YOLO, React.js, Node.js, MongoDB, IoT (HC-SR04, SG90), bcrypt.js, passport.js.
- Designed an AI-driven waste detection and infrastructure monitoring system using OpenCV and YOLO for public park maintenance.
- Evaluated waste response processes, resulting in a 50% faster maintenance response and 70% reduction in overflow incidents.
- Collaborated with a 5-member research team on data analysis, system architecture, and real-world testing in urban parks.

EDUCATION

- **Vellore Institute of Technology, Bhopal** — M.P., India
  MCA (Master's of Computer Application) CGPA: 8.3 July' 2024 - Ongoing

- **Dr. Bhimrao Ambedkar University, Agra** — U.P., India
  BCA (Bachelor of Computer Application) Percent: 74% Apr' 2020 - Aug' 2023

CERTIFICATIONS

- AI skill challenge, Microsoft, Aug 2023.
- Postman API fundamentals student Expert certification., Lets Upgrade, July 2023
- Live online summer training on Java programming with Elan & vision IIT Hyderabad, Remark skill, April 2022.

HONORS AND AWARDS

- Leetcode- Global Rank- 553,722, 450+ Submissions, 200+ Questions solved.
- Runner's Up in Xylem India Hackathon.
- Completed NCC B certificate and camp certificate with nice grades (June'20).