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, Python, TypeScript
- **Library/Framework**: Node.js, Express.js, React.js, Tailwind CSS, Redux, CI/CD Pipeline
- **Tools**: GIT, AWS, VS Code, VMware, Kali-Linux, MySql
- **Concepts**: Data structure & Algorithm, Problem Solving, Software Design Principles, OOPs
- **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

ATINUS - Unix Security Suite (Aug'24– Sept'24)

- Developed a program for Unix-based systems with a user-friendly CLI for integrating and managing diverse security tools and services.
- Developed a modular C++ application with a CLI interface for system management
- Implemented modules for managing essential services across categories such as Information Gathering, Exploitation Tools, Sniffing & Spoofing, Web Application Analysis, and Anonymity.

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

- 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 in Computer Application) CGPA: 8.3 — July' 2024 - Ongoing

- **Dr. Bhimrao Ambedkar University, Agra** — U.P., India
  BCA (Bachelor in 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).