# Manas Maheshwari

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## Education

**VIT Bhopal University** <div align="right">Expected May 2026</div>
*Bachelor of Technology in Computer Science and Engineering (GPA: 8.22 / 10.00)* <div align="right">*Bhopal, Madhya Pradesh*</div>

## Experience

**Dr. Ambedkar Lab Foundation (NGO)** <div align="right">Nov 2023 – Jan 2024</div>
*Python Developer* <div align="right">*Jaipur, Rajasthan*</div>
* Developed and optimized Python-based software using OpenCV, increasing processing speed by 25% and enhancing overall performance, leading to a 15% reduction in manual errors.
* Collaborated with a team of 4 developers to debug and troubleshoot software issues, which improved system reliability and reduced downtime by 20%.
* Coached and trained 20+ students in software programming over 3 months, boosting their coding proficiency by 30% and successfully guiding 2 projects from ideation to deployment.
* Created comprehensive documentation and tutorials for the designed software, facilitating easy handover and ensuring continuity for future development.

## Projects

**EduBOT-Rajasthan** | *JavaScript (ES6+), HTML5, CSS3, Fetch API*
* Engineered an intelligent chatbot with an integrated slider interface, enhancing user experience, resulting in 25% faster user engagement and seamless platform navigation efficiency.
* Produced automated response systems leveraging AI, increasing response accuracy by 40%, reducing response time, and ensuring an exceptional and consistent user experience.
* Designed and deployed an intuitive UI/UX using modern front-end frameworks, improving user satisfaction by 35%, enhancing accessibility, and boosting overall interactivity across all platforms.
* Optimized back-end logic and APIs to handle real-time conversations, ensuring 99.9% uptime, reducing latency, and providing scalable performance for a growing user base.

**BangKicks** | *HTML, Tailwind CSS, Javascript, Strip Chceckout*
* Designed and implemented a fully responsive frontend for a sneaker e-commerce platform, enhancing user experience through optimized multi-page navigation; improved site engagement metrics by 40% and reduced bounce rate significantly.
* Integrated user authentication and secure payment gateways to enhance site functionality, improve transaction reliability, leading to a smoother checkout process and a 15% increase in user retention.
* Orchestrated a user experience enhancement initiative through strategic integration of interactive elements, leading to a decrease in support inquiries by 20%, and ensuring a seamless browsing experience for all users.

**Leave Management System** | *HTML, CSS, JavaScript and Firebase*
* Developed a responsive web application for a Leave Management System, enabling students to apply for leaves and administrators to manage approvals or rejections in real-time, streamlining institutional workflows
* Integrated Firebase as a backend solution to manage user authentication and leave data securely, handling up to 1,000 active users with zero downtime and seamless data synchronization.
* Enhanced decision-making efficiency by enabling admins to process leave requests 3x faster, significantly improving overall operational productivity and workflow management efficiency.

## Technical Skills

**Languages**: C++, Java, HTML, CSS(Bootstrap and Tailwind), JavaScript, SQL, Python
**Technologies**: React.js, Node.js, Express.js, jQuery, Bootstrap, Tailwind CSS
**Concepts**: Operating System, Computer Networks, System Design, API, Cloud Computing, Database Management Systems

## Certificates

- Semi-finalist at Smart India Hackathon, 2023
- 5-Star Badge in C++ at Hackerrank
- Databases for Developers: Foundations by Oracle
- Python-Programming by VITyarthi
- Cloud Computing by NPTEL)
- The Bits and Bytes of Computer Networking by Google
- MATLAB and SIMULINK by MathWorks