

MANSI PATIL

3420 S COTTAGE GROVE, CHICAGO, IL | (872) 664-2077 | mpatil6@hawk.iit.edu | [Linkedin](#) | [Portfolio](#)

EDUCATION

Illinois Institute of Technology, Chicago, IL

Expected May 2025

Master of Computer Science, (3.66/4)

- Coursework: Big Data Technologies, Science of Programming, Introduction to Machine Learning, Computer Networks, Introduction to information security, Software Project Management.

Universal College of Engineering, Mumbai, India

November 2020 - May 2023

Bachelor of Engineering in Computer Engineering, (3.9/4)

- Coursework: Programming with Python, DBMS, Web-Based Application Development using PHP, Data Structure, Artificial Intelligence.

SKILLS

Programming Languages: C++ | Java | JavaScript | Python | HTML | CSS | PHP | TypeScript.

Database and Frameworks: MySQL | PostgreSQL | Django | Power BI | Tableau | Bootstrap | Oracle | Data Structures | Algorithms.

Development Tools: Visual Studio | GitHub | Jupyter Notebook | Google Colab.

Frameworks & libraries, Cloud Computing: React | Angular | Node.js | Bootstrap | Pandas | Numpy | AWS | Azure.

WORK EXPERIENCE

Software Developer Intern

May 2023 - October 2023

Kirabiz Technologies

- Crafted end-to-end solutions for "Mentor-Mentee" and "Hi-Power" projects with user-friendly interfaces, advanced filtering, and custom designs, leading to a 30% rise in user satisfaction and 20% fewer errors, bolstering client retention.
- Led and contributed to multiple projects, showcasing adaptability, proficiency across tasks, and a versatile skill set.
- Integrated with cross-functional teams to design, devise, test, and maintain various software applications, ensuring high performance, 100% security, and scalability while adhering to best practices and industry standards.

Web Development Intern

Nibodh

March 2019 - June 2019

- Initiated and designed a centralized college website, optimizing admissions and payment processes for a 40% increase in online admissions and a 60% improve in payment processing efficiency. Also overhauled Accessibility and Efficiency.
- Showcased strong problem-solving, analytical, project management, engagement, and teamwork skills, contributing to a 20% increase in project efficiency. Acknowledged for efficient time coordination, adaptability, and rapid learning.
- Accomplished SEO strategies, resulting in a 25% increase in organic traffic, and ensured responsive design for cross-browser compatibility, enhancing user experience. And Applied Responsive Design, Elevating Website Accessibility Across Various Platforms.

PROJECTS

Weather Forecasting [Personal Project]

December 2023 - January 2024

- Constructed a Weather Forecasting application using React.js and Material-UI, enabling users to search for weather forecasts by city name and access detailed predictions for next 5-6 days at 3-hour intervals.
- Revolutionized weather tracking and planning through precise forecasts, promoting user decision-making accuracy by 25% based on real-time data insights.

Tele-Medicine- A web Portal [Academic Project]

November 2022 - December 2022

- Implemented OpenCV for doctor verification, leading to a 70% boost in appointment efficiency, restructured transparency, and a 30% enhancement in patient-doctor connectivity.
- Increased communication channels for seamless interactions, resulting in a 20% reduction in response time and contributing to a substantial 25% improvement in overall user satisfaction.

Indian Vendor [Academic Project]

January 2021 - March 2021

- Developed a centralized website, boosting vendor efficiency by 30%, with admin controls, sentiment analysis, and improved security through robust authentication.
- Demonstrated exceptional collaboration, leading teams to deliver a 20% efficiency boost. Pivotal in achieving project success within tight deadlines through strong teamwork and initiative.

Object Recognition Tool for Visually Impaired Person [Academic Project]

January 2020 - March 2020

- Led a team of four to enhance object detection, merging Google Cloud Vision API and Raspberry Pi, reducing recognition time by 30%- Exhibited effective leadership, innovation, and impactful technological solutions.
- Spearheaded comprehensive training sessions for team members, ensuring a smooth transition to new system and honing overall proficiency in utilizing advanced technology stack.

Ecommerce-Website [Personal Project]

November 2019 - December 2019

- Engineered and launched a comprehensive functional eCommerce website with over 500 product listings, user accounts, a robust shopping cart system processing transactions monthly, secure checkout, and streamlined order management.
- Honed mastery in designing, developing, and deploying scalable web applications, resulting in a 30% increase in user engagement, a 20% reduction in bounce rates, and a 15% improvement in conversion rates.

CERTIFICATIONS & ACHIEVEMENT

- FullStack Web Development Using Python.
- Web Development With Bootstrap.
- J.P. Morgan - Software Engineering Job Simulation.
- Machine Learning with Python.
- Walmart USA - Advanced Software Engineering Job Simulation.
- Achieved first place in the Internal Hackathon for Smart India Hackathon.
- Pre-qualifiers in International Space Apps Challenges.