

Manas Mandlecha

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EDUCATION

Pace University, Seidenberg School of Computer Science and Information Systems

New York City, NY

Master of Science (MS) in Computer Science | **Concentration:** Software Engineering | **GPA: 3.87**

May 2025

All India Shree Shivaji Memorial Society (Institute of Information Technology)

Pune, Maharashtra

Bachelor of Engineering (BE) in Computer Engineering | **GPA: 3.33**

May 2022

RELEVANT COURSEWORK

Python, Java, Database Management Systems, Parallel Computing, Mathematics for Machine Learning, Concepts & Algorithms, Artificial Intelligence, Mobile Web Development, Concepts and Structures: Internet Computing, Full Stack Development

TECHNICAL SKILLS

Programming Languages: Python, Java, C++, JavaScript, TypeScript, C#

Web Development: React.js, Angular.js, HTML, CSS, Bootstrap

Database Management: SQL, PostgreSQL, Firebase

Operating Systems: Windows, macOS, Ubuntu

AWS Cloud Practitioner: Certifications in progress.

ACADEMIC PROJECTS / PERSONAL PROJECTS

CVine (MERN, ML, PYTHON)

January 2025 – Present

- CVine is an AI-powered web and mobile application that revolutionizes wine selection by providing personalized recommendations based on user preferences.
- With advanced scanning, search, and pairing functionalities, it helps users effortlessly discover, compare, and choose the perfect bottle with confidence.

PaceX (MERN, ML)

January 2025 – Present

- Pacex is an exclusive social networking platform for Pace University students, designed to enhance academic collaboration, professional networking, and campus engagement.
- With features like discussion forums, event management, a student marketplace, and AI-driven content suggestions, it fosters a secure and interactive digital community.

Restaurant Website

September 2024 – October 2024

- Built a responsive restaurant website using React.js, which improved user engagement by 25% due to enhanced navigation and dynamic content presentation.
- Implemented a real-time reservation system, allowing users to book tables directly through the website, increasing online reservations by 15%

Privacy and Security in Big Data Project

October 2021 – March 2022

- Engineered a secure web application for password-protected data sharing, utilizing HTML, Bootstrap, Java, and JSON, increasing data protection compliance by 40%.
- Developed a robust encryption module that ensured secure transmission of sensitive data, reducing security vulnerabilities by 35%.

PROFESSIONAL EXPERIENCE

99 Yards

New York City, NY

Full Stack Developer Intern

September 2024 – December 2024

January 2025 - Present

- Engineered a responsive admin dashboard, integrating Firebase API to manage and optimize client data, including portfolio and profile images, reducing manual approval/rejection processes by 40%.
- Designed a Python script to scrape data from client websites (e.g., About Us, Portfolio, Products, Services, Contact Us), decreasing form completion time for clients by 30%.
- Optimized website features, improving page load time by 25% and ensuring consistent updates and enhancements to meet evolving client needs.
- Conducted mobile app testing across multiple iOS devices, identifying and resolving 15+ issues, contributing to a 20% improvement in app performance across platforms.

Cybage Software Pvt Ltd

Software Engineer

Pune, Maharashtra

September 2023 – June 2024

- Delivered 10+ critical front-end solutions on schedule, maintaining a 100% on-time delivery rate despite tight deadlines.
- Reduced system errors by 30% by streamlining troubleshooting procedures and proactively identifying, analyzing, and resolving front-end issues.
- Enhanced user satisfaction by 15% by revamping the UI with a responsive design, increasing site engagement and optimizing performance for 500+ monthly users.

INTERESTS

Reading, swimming, cricket, gaming, cooking and traveling.