

# Manoj Polavarapu

Jersey City, 07306 | [mp44762n@pace.edu](mailto:mp44762n@pace.edu) | +1 5502613769 | [linkedin](#) | [github](#)

## EDUCATION

**Pace University, Seidenberg School of Computer Science and Information Systems** New York, New York  
Master's in computer science | **Concentration:** Computer Science | **Honors:** | **GPA:3.91/4.0** May 2024

**Name of Previous School** Hyderabad, India  
Bachelor of Technology | **Concentration:** Computer Science | **Honors:** | **GPA:7.75/10** July 2021

## TECHNICAL SKILLS

**Programming Languages:** C, C++, Java  
**Database Management:** RDBMS, DBMS, MongoDB  
**Software / Tools:** React, NodeJS, ExpressJS, Spring, Hibernate, Angular, OpenCV  
**Frameworks:** Node-JS, ExpressJS, SpringBoot

## PROFESSIONAL EXPERIENCE

**Lenskart** Hyderabad, India  
Software Developer (Supply chain Management) March 2022 – December 2022

- Developed a resilient Generic-Retry mechanism, ensuring retrieval of inaccessible lens order data during a server outage. Empowered finance auditors to monitor both B2B and B2C data on an external server effectively.
- Integrated Hystrix microservice as a circuit breaker to enable fallback execution and reduce 70% load on 23 services in the SCM pod, improving system reliability.
- Executed comprehensive user research and integrated valuable user feedback, leading to a notable 25% boost in user retention and engagement metrics.
- Elevated the precision of static lens cutting by 60% through the implementation of non-static fields for personalized lens edging.

**Accenture** Hyderabad, India  
Application Development Associate August 2021– February 2022

- Drove significant advancements in a MERN stack-based pizza delivery app project, collaborating with a 22-member team. Made substantial contributions.

## PROJECTS

**Privacy-Preserving Photo Sharing in Online Social Networks** February 2021 – June 2021

- Engineered an innovative online photo-sharing social network, incorporating features like friend requests and photo-sharing capabilities.
- Integrated advanced Face Detection technology, ensuring 90% accuracy in identifying faces in shared photos and reducing unauthorized sharing by 70%, enhancing user privacy and trust.
- Developed a high-performing backend using Java (Spring Boot & Tomcat) and designed the frontend with React, leading to a 50% reduction in load times and a 20% increase in overall user satisfaction.

**E-Commerce website** October 2023 – December 2023

- Engineered a user-friendly e-commerce platform utilizing React.js, Node.js, MongoDB, and SQL databases.
- Infused robust security measures, integrating SSL/TLS encryption and seamless payment gateways (PayPal, Stripe), resulting in a 20% reduction in fraudulent transactions and ensuring secure customer transactions.
- Executed SEO optimization and usability testing strategies, leading to a 20% improvement in user satisfaction, enhancing search engine visibility and overall website performance.

## ACTIVITIES / VOLUNTEER WORK / ADDITIONAL TRAINING

**KICKBOXING CLUB**, President August 2018 – August 2019

- Mastered precision in strikes and kicks, honing self-defense skills and enhancing club members' confidence in real-life situations.

**ROTARY CLUB (R)**, Community Service President August 2022 – August 2023

- Orchestrated impactful community outreach programs, fundraisers, and volunteer initiatives, raising \$50,000 for local charities, and positively impacting the lives of 500+ residents.