

# SHIV VYAS

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## EDUCATION

**Pace University, Seidenberg School of Computer Science and Information Systems**

**New York, NY**

Master of Science in Computer Science (MS) | GPA: 3.62/4.0

May 2025

**Gujarat Technological University, Sal College of Engineering**

**Gujarat, Ahmedabad**

Bachelors of Engineering (BE) in Computer Engineering | GPA: 3.70/4.0

June 2023

## EXPERIENCE

**theFuteur**, New York, USA | iOS and Android Developer Intern

August 2024 – Now

- Architected and engineered a cutting-edge mobile application for theFuteur, utilizing React Native to craft a fluid, high-performance experience across iOS and Android platforms, driving seamless accessibility for users.
- Integrated sophisticated real-time analytics, leveraging data from Equifax and PayNet to curate dynamic, personalized business credit insights, transforming raw data into actionable intelligence for small businesses.
- Pioneered the development of a secure and intuitive subscription ecosystem, optimizing user flows and employing advanced state management to enhance user engagement, leading to a significant uptick in premium subscriptions.

**Pace University**, New York, USA | Lab Coordinator Assistant

April 2024 – September 2024

- Created and maintained a diverse computing infrastructure consisting of Windows and Linux (Ubuntu) workstations and servers, ensuring optimal performance and uptime for academic and research activities.
- Served as the primary technical support resource for faculty and students, troubleshooting hardware, software, and network issues. Facilitated the installation, configuration, and deployment of essential software applications and data science tools, including JupyterHub and RStudio Server.

**Ordex Technology**, Ahmedabad, India | Software Developer Intern

February – July 2023

- Optimized core app flows including login, sign-up, and authentication for Citizex mobile app, improving sign-up rate by 5% and boosting vehicle tracking app engagement by 20% via UX streamlining.
- Enhanced React Native app performance through optimization, cutting rendering times by 50% on complex screens.
- Supported 5 interns and shared app development insights and foster collaboration.

## ACADEMIC PROJECTS

**TurnitUp, Stony Brook University Hackathon**

February 2024

- Developed a cross-platform mobile application in a team of 2 where students can share their notes, assignment and coursework using React Native.
- Integrated Firebase as a backend for authentication and storing data like documents like assignments and notes.

**New York Jobs CEO Council Software Engineering, The Forge**

December 2023

- Resolved a bug in an automated billing system by identifying the root cause and developing an effective solution.
- Improved user experience by developing a code that supports a note-taking feature on each invoice, enhancing communication and transparency between senders and recipients.

**Pleasantville Community Theater Group**

December 2023

- Collaborated in a team of 4 for creating oracle database that tracks members, productions, sponsors, patrons and finances for a 200 member non-profit community theatre group.
- Created forms, reports and transactions using Microsoft Visio and SQL to meet key information needs which includes new member signup, play listings, program cast and credits, admission tickets, reporting, and seat reservation.

## TECHNICAL SKILLS AND CERTIFICATIONS

**Programming/ Markup Languages:** C, Java, CSS, JavaScript, Python, SQL, HTML, XML

**Database Management:** Oracle DBMS, MySQL

**Framework / Tools:** Firebase, Visual Studio Code, React-Native, Docker, Microsoft Visio, Flutter, Git, REST API

**Certifications & Training:** Technical Support Fundamentals (Google in 2020), Bits and Bytes of Networking (Google in 2021).

## Extra- Curricular Activities

**Autonomous Drone Delivery Systems**, Ahmedabad, India | Co-Founder

May 2022 – September 2023

- Mobilized \$40,000 in strategic funding from multiple organizations to spearhead the development of an Autonomous Drone Delivery System, catapulting the startup into the top 10 out of 100 for its groundbreaking innovation and visionary impact.