

NIDHEESHA RUDRARAJU

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EDUCATION

Pace University, Seidenberg School of Computer Science and Information Systems.
Master of Science (MS) in Computer Science | **GPA: 3.88/4.0**

New York, NY
May 2025

Panimalar Engineering College

Bachelor of Engineering (BE) in Electronics and Communication Engineering | **GPA: 8.24/10**

Chennai, India
April 2021

TECHNICAL SKILLS

Programming Languages: Java, C, C#, Python, JavaScript, SQL, HTML, CSS, React Native, TypeScript

Database Management: MySQL, MongoDB, Redis

Cloud & Backend Services: Firebase, Google Maps API, Express.js,

Software / Tools: Visual Studio, Microsoft SQL Server Management Studio, IntelliJ, Git, Blue Prism, Jira, Figma, Android studio

CI/CD & DevOps: GitHub Actions, Docker

Software Development Methodologies: Agile (Scrum), Software Development Life Cycle (SDLC)

PROFESSIONAL EXPERIENCE

Relové INC- Full Stack Developer Intern (Nov 2024 – Mar 2025)

New York, NY (Remote)

- Contributed to the development of a mobile app aimed at creating a centralized platform for discovering and managing thrift stores, boosting visibility for local businesses and improving user accessibility
- Built and deployed scalable mobile features using React Native with a Node.js and MongoDB backend, developed and integrated comprehensive automated tests to validate functionality and enhance code quality, resulting in over 90% test coverage and a significant reduction in production bugs
- Boosted user engagement by 35% by integrating Instagram's Graph API to generate personalized thrift shopping feeds based on user activity and preferences
- Collaborated on developing an image-based AI recommendation engine to improve user personalization in a thrift shopping platform, leveraging TensorFlow.js and AWS Rekognition to detect and match visually similar items, resulting in more accurate suggestions and increased user engagement
- Implemented CI/CD pipelines to streamline deployment, reducing build and release time by 30%

Cognizant - Junior Software Engineer (Oct 2021 – Aug 2023)

Chennai, India

- Maintained and enhanced 12+ active Blue Prism automation applications, ensuring consistent performance and reliability for a major client in the Life Sciences sector
- Monitored and maintained automation workflows using Blue Prism Control Room, resolving bugs and performance issues in real time to ensure operational continuity. Automated key clinical data processes across GxP-compliant pipelines, ensuring full traceability, reproducibility, and adherence to regulatory standards
- Troubleshoot and resolved 7–8 weekly production incidents by using SQL Server Management Studio and bot logs to perform root cause analysis for GxP-compliant applications which minimized downtime and ensured uninterrupted clinical data processing
- Implemented two CSI (Continuous Service Improvement) initiatives by designing Python scripts for automating metrics reports for all active applications, reducing manual analysis time by over 10 hours per month

Cognizant – Intern (Feb 2021 – Aug 2021)

Chennai, India

- Assisted in developing an internal job search portal using .NET, SQL, and AngularJS, focusing on feature enhancements, bug fixes, and UI/UX improvements while leveraging SDLC methodologies

ACADEMIC PROJECTS

Travel Buddy – Capstone Project (Feb 2025)

Pace University, NY

- Developed a travel coordination app using React Native, Firebase, and AI to intelligently match travel companions and enable secure real-time chat, resulting in a smoother group travel planning experience

Election Automation Analysis – Python Programming (Sept 2024)

Pace University, NY

- Developed a Python program to analyze and visualize election data for a local congressional election.
- Automated reporting of total votes, county-wise turnout, top-performing counties, and winning candidate statistics using Pandas and Matplotlib