

# Shyam Pedibhotla

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## EDUCATION

**University of North Carolina at Charlotte, College of Computing and Informatics**

**Charlotte, NC**

*Bachelors of Science in Computer Science*

Expected Graduation: Spring 2026

Concentration: Software Engineering

## SKILLS & INTERESTS

**Software:** Python, MySQL, Java, JavaScript, HTML, CSS, MongoDB, Confluence, GitLab, GitHub, Bash Script, XML

**Relevant Coursework:** Logic & Algorithms, Data Structures, Web App Design, Comp & Oper Systems, Database Design, Software Eng.

**Certifications:** Web Programming with Python and JavaScript (*Harvard*), Data Privacy (*IBM*), Cloud Computing Foundations (*Google*)

## WORK EXPERIENCE

**Truist Financial**

**Charlotte, NC**

*Software Engineer Intern, (Payments Technology Team)*

June 2024 - August 2024

- Developed detailed JUnit test cases to ensure proper functioning of account processing, contributing to system reliability
- Improved data integrity and system performance by creating and maintaining essential CIF validation files
- Gained proficiency in Postman for API testing and validation, improving the efficiency and accuracy of service testing
- Contributed to the development and enhancement of truBot, a Raspberry Pi-powered robot; built an API using Flask and Python to connect with Alexa, improving operational efficiency and customer service
- Collaborated with managers and cross-functional teams to drive end-to-end testing and validation of the Zelle Platform enhancements, ensuring seamless integration.

**The DP Group Inc.**

**Raleigh, NC**

*Junior Business Specialist Intern*

May 2019 - August 2021

- Coached middle and high school students on effective communication and presentation techniques, contributing to their personal and professional growth
- Successfully acquired 2-3 new clients weekly, showcasing strong sales and networking skills
- Created impactful demo reels for adults, providing valuable guidance on achieving success in corporate and daily life
- Developed essential business skills through hands-on experience, enhancing my effectiveness as a junior business specialist

**Infuzed Robotics**

**Raleigh, NC**

*Business Lead*

October 2017 - June 2021

- Focused on grant writing and securing sponsorships by approaching companies and presenting proposals. Delivered presentations to judges at FRC competitions.
- Earned the Judges award in Regionals FIRST Competition (2019, UNC Asheville)
- Recognized with the Engineering Inspiration award (2018, UNC Pembroke, UNC Asheville)
- Used a variety of tools including power drills, milling machines, band saws, horizontal band saws, grinders, and sanders. Learnt about gearboxes, motors, incorporating structural integrity into machines, and work in a collaborative team environment

## RELEVANT PROJECTS

**Weather App**

**April 2024**

- *Description:* Developed a responsive weather app using real-time API integration to display location-based weather stats across devices
- Automated weather updates based on user location using geolocation and real-time API
- Ensured seamless functionality and design across various devices
- *Results:* Delivered instant and accurate weather information with an intuitive user interface
- *Tech Used:* JavaScript, CSS, HTML, Postman

**Doctor Appointment App**

**June 2023**

- *Description:* Developed a backend application for doctor appointment bookings using REST API and Postman
- Designed and implemented RESTful endpoints to handle appointment booking, modification, and cancellation
- Conducted thorough testing using Postman, ensuring seamless functionality and error handling
- *Results:* Implemented functionalities for users to schedule, modify, and cancel appointments, enhancing the efficiency of the booking process
- *Tech Used:* Java, JavaScript, HTML, CSS, Postman