Nishil Patel

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WORK EXPERIENCE

Scriptly Pharmaceutical Software   **May 2023 – Present**
Junior Developer   *Schaumburg, IL*
- Scriptly has created a brand-new pharmacy management software that has proven to be more intuitive, all encompassing, and lower cost than its rivals.
- As a Junior Developer, I was assigned to perform bi-weekly coding tasks in a variety of scopes within the software, some examples include:
    - Back-end C# development of bugs and features that pertain to the creating and deletion of patient records, payment information, and more through services and extensions like AWS, Azure, and more.
    - Front End and UI development through TypeScript and Twain JavaScript extensions to create a software extension that can talk to and give commands to the driver of a scanner detected on the local system of the software.
- I also helped to debug and brainstorm ways to create edge cases for Quality Assurance and to verify my own code before pushing it back to our remote repository.

University of Wisconsin – Madison Computer Science Department   **Jan. 2023 – Present**
Peer Mentor   *Madison, WI*
- Helped to mentor and teach students taking Data Science Programming 1 (course code CS220) at UW Madison under professors Gurmail Singh and Michael Doescher
- Teaching responsibilities included leading a lab section of the 220 course alongside a graduate student, where I assessed any technical difficulties the students may face during their lab work and help guide them through the syntax and functionality of Python, SQL, and HTML coding languages.
- Additional responsibilities include writing test questions to be used in CS220 students' midterm and final exams and organizing work hours at a weekly meeting with my coworkers.

CPHub Pharmaceutical Software   **May 2022 – Aug. 2022**
Junior Developer   *Schaumburg, IL*
- Developed and maintained CPHub's soft phone system, created a system that would automatically roll over the phones from physical lines within the local pharmacy to an automated answering machine on CPHub's recognized holidays.
- Also used SQL Server Management Studio and Microsoft Report Builder to create a daily email newsletter that contained CPHub's local pharmacy's financial productivity snapshot.

EDUCATION

University of Wisconsin, Madison   **May 2025**
Computer Science, Bachelor of Science   *Madison, WI*
Data Science, Bachelor of Science   *Madison, WI*
- Operations (Industry Relations, Website) Lead, Software and Mechanical Team member for Badgerloop, UW Madison's Formula Sun Grand Prix and American Solar Challenge racing team.

CERTIFICATIONS, SKILLS & INTERESTS

- **Certifications:** Lathe, 3 axis mill, and carbon composite tooling through UW Madison (pending approval).
- **Skills:** Experience in Java, JavaScript, NodeJS, HTML, C#, and Python. Proficient in Excel and Siemens NX.
- **Interests:** Sustainable Transport, Data Analysis, Software Optimization, Machine Learning and AI.