Rudra Patel

U.S Citizen | Chicago, IL | https://github.com/rpat9 | LinkedIn | Rudra's Portfolio | rudrappatel@lewisu.edu

Professional Summary

Software Developer with experience in **Python, JavaScript, Java,** and database technologies including **MySQL and Firestore**. Built and deployed full-stack applications using **React, Node.js,** and cloud platforms (**AWS, Google Cloud**) with real-world business impact.

Skills

- **Programming Languages:** Python | Java | JavaScript | HTML/CSS | SQL
- **Frameworks:** React | Express.js | Node.js | Tailwind CSS
- **Databases:** MYSQL | Firebase/Firestore | MongoDB
- **APIs**: REST APIs | Claude API | Firebase Authentication | Azure Functions
- **Tools:** Git/GitHub | MS Azure | AWS | GCP | Docker | VS Code

Projects

Hometown-Liquors (In-Progress) | Github   *May 2025 - Present*
- Developing a mobile-first **e-commerce platform** using **React, Tailwind CSS,** and **Firebase/Firestore** to support my local liquor store business.
- Integrating QR codes to increase customer engagement by enabling personalized promotions, order tracking, and exclusive promotions.
- Building an admin dashboard to track product analytics and automate customer notifications for low stock and restocks, enabling data-driven decision-making and business scalability**.**
- Containerizing the app with **Docker** for deployment on **AWS** for constant release workflows.

MasterChef Claude | Website | Github   *April 2025 - May 2025*
- Built a responsive recipe suggestion web app using **React, JavaScript, and Tailwind CSS,** integrating **ClaudeAPI** for recipe generation.
- Implemented **user authentication** using **Firebase/Firestore** for secure login and signup functionality, and the ability to fetch user-saved recipes.
- Containerized with **Docker** and deployed the application on **AWS**, using **CI/CD** for updates.

Health-Insurance Risk Calculator| Website | Github   *March 2025 - April 2025*
- Built a full-stack web application for insurance agents, allowing proper evaluation of applicants based on age, BMI, blood pressure, and family history.
- Developed 3+ **RESTful APIs** with **Node.js**, **Express**, and **Azure functions** for secure calculations.
- Used **HTML/CSS** for frontend and applied **Agile practices** with GitHub for CI and version control.

Fire Leadership Academy | *Member*
- Participated in a youth-led **community service** program focused on **leadership**, **civic engagement**, and team-based volunteering.
- Planned and hosted a community get-together event that brought together over 30+ attendees, promoting physical activity, connection, and **youth involvement.**

Education

Lewis University - Romeoville, IL   **Expected: 2026**
Bachelor of Science: Computer Science with Artificial Intelligence Concentration   *GPA: 3.87 / 4.0*
Awards: Presidential Scholarship, 2023-2025 Dean's List
Relevant Courses: Data Structures and Algorithms in Python, Software Engineering, Introduction to Networks, Database Systems, Object-Oriented Programming in Java, Artificial Intelligence.