Rudra Patel

U.S Citizen | Chicago, IL | https://github.com/rpat9 | LinkedIn | Rudra's Website | rudrap26176@gmail.com

Summary of Qualifications

Pragmatic software developer focused on building impactful, real-world applications using **JavaScript, React,** and **Python**. Experienced in delivering scalable solutions through **cloud deployment (Azure, AWS)** and modern **frontend frameworks (React, Tailwind)**. Proficient at translating business needs into functional web applications, optimizing **user experiences**, and integrating data-driven features.

Technical Skills

- **Programming Languages:** Python, Java, JavaScript, HTML/CSS, SQL
- **Frameworks/Libraries:** React, Express.js, Node.js, Firebase/Firestore, Tailwind CSS, NumPy, RestAPIs
- **APIs and Platforms**: Claude API, Firestore/Firebase, MongoDB
- **Developer Tools:** Git, GitHub, MS Azure, AWS, Vercel, VS Code, Replit
- **Currently Learning:** Stripe (Payment Processing), Chart.js (Data Visualization), SendGrid/Mailgun (Notifications)

Projects & Leadership

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 in person allowing customers to access exclusive promotions, track order history, and receive targeted offers through personalized user accounts.
- 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 scalable and constant release workflows.

MasterChef Claude (In-Progress) | Website | Github   *April 2025 - Present*
- Built a responsive recipe suggestion web app using **React, JavaScript, and Tailwind CSS,** integrating **ClaudeAPI** for dynamic recipe generation.
- Implemented **user authentication** using **Firebase/Firestore**, enabling 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 and scalability.

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: May 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.