

Rudra Patel

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 (AWS, Firebase)** 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**.
- **CI/CD** with GitHub Actions and planning for deployment using **AWS + Docker**.

MasterChef Claude (In-Progress) | [Github](#)

April 2025 - Present

- Built a responsive recipe suggestion web app using **React, JavaScript, and Tailwind CSS**, integrating **Claude API** for dynamic recipe generation.
- Implemented **user authentication** using **Firebase/Firestore**, enabling secure login and signup functionality.
- Enhanced input validation using **JavaScript**, reducing invalid submissions by 80% and ensuring clean data.

Health-Insurance Risk Calculator | [Website](#) | [Github](#)

April 2025 - Present

- 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: 3.9 / 4.0

Awards: Presidential Scholarship, 2023-2024 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.