Rudra Patel

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Summary of Qualifications

- Aspiring software engineer with hands-on experience building web applications in **JavaScript**, **Reac**t, **Node.js**, and **Python**
- Skilled in **Agile developmen**t, **cloud deployment**, and creating scalable, user-focused solutions
- Strong collaborator and problem-solver, recognized for improving performance and usability

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

Projects & Leadership

QuizMaster

- Modernized 15+ components using **React**, **Tailwind CSS**, and **JavaScript**, reducing average load time by 20% and enhancing UI consistency.
- Refined existing **Node.js** and **Firebase/Firestore** functions, improving data handling and API performance.
- Actively participate in **Agile/Scrum** procedures, including sprint planning and retrospectives

MasterChef Claude

- 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

- Deployed a full-stack application utilizing **JavaScript**, **HTML/CSS**, and **Azure**, enabling accurate evaluation of applicants based on age, BMI, blood pressure, and family history
- Designed 3+ backend **APIs** using **Node.js**, **Express.js**, and **Azure Functions**, improving data management and scalability
- Participated in **Agile/Scurm** practices along with GitHub for version control and team **collaboration** across shared repositories.

Work Experience

Days Inn & Suites   **Aug 2022 - Aug 2024**

Hospitality Guest Services Representative

- Delivered high-caliber customer service to 15+ guests daily, resolving inquiries efficiently and contributing to improved guest satisfaction and increased return bookings
- Reorganized the reservation system, handling 100+ weekly bookings, improving accuracy with external partners
- Recognized for high-impact performance and selected by management to lead front-desk process improvements during peak travel seasons

Technical Skills

- **Programming Languages:** Python, Java, JavaScript, HTML/CSS, SQL (MYSQL, NOSQL)
- **Frameworks/Libraries:** React.js, Node.js, Tailwind, Express, RestAPI, Bootstrap
- **Software/Developer Tools:** Git, Google Cloud, Microsoft Azure, AWS, Agile, Scrum, Docker

Additional

Languages: English (Fluent), Hindi (Fluent/Native), Gujarati (Fluent/Native), Spanish (Beginner)