Aryaman Patel

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Seeking an entry-level position as an Application Developer to leverage university portfolio and internship experience. Proficient in diverse programming languages and tools, excited to contribute, collaborate, and continually learn.

Education

Rutgers University - New Brunswick Bachelors of Science in Computer Science **Aug 2020 - Current**
- Certificate in Data Science | Minor in Entrepreneurship
- Cumulative GPA: 3.3 / 4.0 | Graduating May 2024

Work Experience

Junior Developer Intern Selfihealth, Inc **Sep 2023 - Current**

- Enhanced UI/UX on over 40 JavaScript pages by collaborating closely with senior developers and co-founders to customize features for healthcare partner organizations and the company's profile.
- Optimized sorting algorithms for group suggestions and improved the precision and effectiveness of Patient-Mentor matching algorithms, resulting in more favorable user matches and suggestions.
- Resolved profile-saving issues by updating backend files, integrating the MySQL database through Docker, and adapting frontend components to accommodate database changes.
- Gained valuable experience in deployment and Android/iOS development, maintained SDKs and working environment to ensure the application's uninterrupted performance and stability.

Building Operations Manager Rutgers Student Center and Activities **Jan 2022 - Current**

- Streamlined the coordination of more than 150 monthly events, achieving around 95% attendee satisfaction rate, while fostering effective communication and teamwork among student staff. Held a leadership role at Rutgers University.
- Implemented efficient operational procedures, optimizing event setup timelines and customer service delivery; collaborated closely with the supervisor and colleagues to ensure prompt execution

Skills

Java | React | JavaScript | Android | Python | HTML | XML | CSS | SQL | Git | Amazon Web Services | Figma | Photoshop

Projects

JP Morgan Chase & Co Internship Project Experience Program **May 2023 - Jul 2023**

- Completed a comprehensive software engineering program simulating the role of an entry-level software engineer.
- Developed hands-on expertise in Java programming, Git workflows, object-oriented programming, and unit testing.
- Successfully created a "RewardValue" class, enabling users with the ability to convert cash values to airline miles.

Photo Library Application University Project **Mar 2023 - Apr 2023**

- Ported FX-based project to Android, introduced features like album management, tag-based searching, and soothing slideshow experience. Developed over 20 application screens utilizing JavaFX.
- Designed an efficient home screen for seamless album and photo data retrieval, optimizing runtime for the Android application. Collaborated using Git/Bitbucket for version control.

Airbnb Arbitrage Finder Personal Project **Dec 2022 - Mar 2023**

- Created a tool to scrape Airbnb data, identify rental arbitrage opportunities, and generate a single Excel reports which shortlist competitive listings.
- Incorporated a feature for calculating occupancy rates and generating comprehensive Excel files that list the best-reviewed Airbnb properties with an occupancy rate of over 50% in a specific area.
- Enabled users to make informed investment decisions in Airbnb rental properties by estimating the earning potential of a particular bedroom house based on its year-round average occupancy rate. Making an Airbnb investment 100% successful.