Aryaman Patel

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Education

Bachelor of Science in <u>Computer Science</u>	**Rutgers University – New Brunswick**	**Aug 2020 – Current**

- Cumulative GPA: 3.4 / 4.0
- Graduation Date: May 2024
- Dean's List: Spring 2022 – Fall 2023
- Minor in Entrepreneurship

Skills

Languages: Python, Java, JavaScript, HTML, CSS, SQL. **Frameworks:** React-Native, Node.js. **Tools:** Git, AWS, Docker.
Data Science & Analysis: R, Jupyter Notebooks, Pandas, NumPy, sklearn, Matplotlib. **UI/UX**: Figma, User Testing.

Certification

AWS Certified Cloud Practitioner	Credentials: 4JJL3KWB51411M38	**Jan 2024 – Jan 2027**

Work Experience

Junior Software Developer Intern	**Sept 2023 – Current**
Bandhealth, Inc.	**Hoboken, NJ**

Application Redesign and Rebranding:
- Spearheaded the rebranding of the application from Selfihealth to Bandhealth, redesigning UI elements, icons, and graphics to align with the new brand identity, resulting in a cohesive and visually appealing user experience.
- Implemented vibrant avatars and profile picture enhancements on the app's homepage, in line with company color codes, fostering increased user engagement and interactivity.
- Overhauled the signup screen and profile details, transitioning from checkbox-style selections to modern selectable pills, addressing callback issues and incorporating user feedback, resulting in improved usability.

Technical Development and Optimization:
- Enhanced algorithmic efficiency for match and group suggestions, leading to more accurate and personalized recommendations, resulting in heightened user satisfaction and retention.
- Led critical backend updates, integrating MySQL database using Dockers, updating APIs, and adjusting frontend JavaScript, ensuring seamless functionality and data integrity, thus optimizing the user experience.
- Collaborated on enhancing 150+ JavaScript pages for Bandhealth's digital healthcare startup app, leveraging Git for version control and gaining practical AWS experience.

Building Operations Manager	**Jan 2022 – Current**
Rutgers Student Center and Activities	**New Brunswick, NJ**

- Streamlined the coordination of more than 100 monthly events, holding a leadership role and achieving around 95% attendee satisfaction rate, while fostering effective communication and teamwork among student staff.
- Implemented efficient operational procedures, optimizing event setup timelines and customer service delivery; collaborated closely with the supervisor and colleagues to ensure prompt execution.

Projects

SecureLink HTTP Server	**University Project**	**Oct 2023 – Dec 2023**

- Engineered a secure Python HTTP server with SHA-256 hashed password authentication, timed session management, and robust GET/POST request handling for file access and user login, utilizing socket programming, seamless file retrieval, and comprehensive logging.

JP Morgan Chase & Co Internship Project	**Virtual 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.

Intuitive Photo Library Application	**University Project**	**Mar 2023 – Apr 2023**

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