

# Aryaman Patel

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## Education

<b>Bachelor of Science in <u>Computer Science</u></b>	<b>Rutgers University – New Brunswick</b>	<b>Aug 2020 – Current</b>
<ul style="list-style-type: none"><li>Cumulative GPA: 3.4 / 4.0</li><li>Graduation Date: May 2024</li></ul>	<ul style="list-style-type: none"><li>Dean’s List: Spring 2022 – Fall 2023</li><li>Minor in Entrepreneurship</li></ul>	

## 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:** XML, UML, Figma.

## Certification

<b>AWS Certified Cloud Practitioner</b>	<b>Credentials:</b> 4JL3KWB51411M38	<b>Jan 2024 – Jan 2027</b>
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## Work Experience

<b>Junior Software Developer Intern</b> <b>Bandhealth, Inc.</b>	<b>Sept 2023 – Current</b> <b>Hoboken, NJ</b>
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### 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 Docker, 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.

<b>Building Operations Manager</b> <b>Rutgers Student Center and Activities</b>	<b>Jan 2022 – Current</b> <b>New Brunswick, NJ</b>
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- 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

<b>SecureLink HTTP Server</b>	<b>University Project</b>	<b>Oct 2023 – Dec 2023</b>
<ul style="list-style-type: none"><li>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.</li></ul>		

<b>JP Morgan Chase &amp; Co Internship Project</b>	<b>Virtual Experience Program</b>	<b>May 2023 – Jul 2023</b>
<ul style="list-style-type: none"><li>Completed a comprehensive software engineering program simulating the role of an entry-level software engineer.</li><li>Developed hands-on expertise in Java programming, Git workflows, object-oriented programming, and unit testing.</li><li>Successfully created a "RewardValue" class, enabling users with the ability to convert cash values to airline miles.</li></ul>		

<b>Intuitive Photo Library Application</b>	<b>University Project</b>	<b>Mar 2023 – Apr 2023</b>
<ul style="list-style-type: none"><li>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.</li><li>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.</li></ul>		