

# 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 – May 2024</b>
<ul style="list-style-type: none"><li>Cumulative GPA: 3.4 / 4.0</li><li>Graduated: 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, TypeScript, HTML, CSS, SQL. **Frameworks:** React-Native, Android SDK, React.js, Next.js, Node.js. **Tools:** Git, AWS, MySQL Workbench, Docker. **UI/UX:** UML, XML, Figma. **Data Science & Analysis.**

## Certification

<b>AWS Certified Cloud Practitioner</b>	<b>Credentials: 4JL3KWB51411M38</b>	<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 – May 2024</b> <b>Hoboken, NJ</b>
<ul style="list-style-type: none"><li>Rebranded Selfihealth to Bandhealth, redesigning more than 25 pages, UI elements, icons, and graphics to align with the new brand identity, resulting in a cohesive and visually appealing user experience.</li><li>Enhanced user engagement with vibrant avatars and profile picture upgrades on the app's homepage.</li><li>Streamlined signup process and profile details, addressing usability issues, and incorporating user feedback.</li><li>Improved algorithmic efficiency for match and group suggestions, reducing user complains by 80%.</li><li>Led critical backend updates while collaborating with senior developers to refine, document and debug code.</li></ul>	

## Building Operations Manager

<b>Rutgers Student Center and Activities</b>	<b>Jan 2022 – May 2024</b> <b>New Brunswick, NJ</b>
<ul style="list-style-type: none"><li>Streamlined coordination for 100+ monthly events, achieving a 95% attendee satisfaction rate.</li><li>Implemented efficient operational procedures, optimizing event setup timelines and customer service delivery.</li></ul>	

## Projects

<b>EDrater</b>	<b>Personal Project</b>	<b>Apr 2024 – Current</b>
<ul style="list-style-type: none"><li>Pioneered EDrater, a website offering honest and accessible student course reviews via institutional email login.</li><li>Utilized TypeScript, Next.js, and MySQL, alongside AWS deployment, to create a scalable platform featuring a leaderboard layout for easy course selection.</li></ul>		
<b>Face And Digit Classification</b>	<b>University Project</b>	<b>Apr 2024 – May 2024</b>
<ul style="list-style-type: none"><li>Designed and implemented perceptron and two-layer neural network classifiers for face and digit recognition, incorporating feature extraction and data analysis.</li><li>Analyzed and compared training times and prediction errors, producing a report that highlights the effectiveness and learning curves of both algorithms.</li></ul>		
<b>SecureLink HTTP Server</b>	<b>University Project</b>	<b>Oct 2023 – Dec 2023</b>
<ul style="list-style-type: none"><li>Engineered a HTTP server with SHA-256 hashed password authentication and timed session management.</li><li>Implemented GET/POST request handling for file access and user login, utilizing socket programming 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. Created 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>		