

Aryaman Patel

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Education

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

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

AWS Certified Cloud Practitioner	Credentials: 4JL3KWB51411M38	Jan 2024 – Jan 2027
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Work Experience

Junior Software Developer Intern Bandhealth, Inc.	Sept 2023 – May 2024 Hoboken, NJ
<ul style="list-style-type: none">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.Enhanced user engagement with vibrant avatars and profile picture upgrades on the app's homepage.Streamlined signup process and profile details, addressing usability issues, and incorporating user feedback.Improved algorithmic efficiency for match and group suggestions, reducing user complains by 80%.Led critical backend updates while collaborating with senior developers to refine, document and debug code.	

Building Operations Manager

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

Projects

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