

Aryaman Patel

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Education

Bachelor of Science in <u>Computer Science</u>	Rutgers University – New Brunswick	Aug 2020 – Current
<ul style="list-style-type: none">Cumulative GPA: 3.4 / 4.0Graduation Date: 14th May 2024	<ul style="list-style-type: none">Dean's List: Spring 2022 – Fall 2023Minor in Entrepreneurship	

Skills

Java | Python | JavaScript | HTML | CSS | SQL | React-Native | Node.js | C | C++ | R | Git | API | Docker | Apache Tomcat
Figma | InVision | Amazon Web Services

Certification

AWS Certified Cloud Practitioner	Credentials: 4JLL3KWB51411M38	Jan 2024 – Jan 2027
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Work Experience

Junior Software Developer Intern Bandhealth, Inc.	Sept 2023 – Current Hoboken, NJ
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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 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 Rutgers Student Center and Activities	Jan 2022 – Current New Brunswick, NJ
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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

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