

Aryaman Patel

Edison, New Jersey, 08817 United States

LinkedIn: www.linkedin.com/in/aryaman-patel
Github: www.github.com/1aryamanp
Website: www.aryamanpatel.com
Email: 1aryamanp@gmail.com
Mobile: +1 732-322-2131

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 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.

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
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- 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
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- 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.