

Aryaman Patel

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Education

Rutgers University
Major: Bachelors of Science (BS) in **Computer Science**
Minor: Entrepreneurship

New Brunswick, NJ
Aug 2020 – May 2024
GPA: 3.4 / 4.0

Skills

Python, Java, JavaScript, TypeScript, HTML, CSS, SQL, R, C, C#, PHP, React-Native, Angular.js, Android SDK, React.js, Next.js, Node.js, Git, Amazon Web Services (AWS), MySQL Workbench, Docker, UML, XML, Figma.

Certifications

AWS Certified Cloud Practitioner

Jan 2024 – Jan 2027
Credentials: 4JL3KWB51411M38

Work Experience

Bandhealth, Inc. – Hoboken, NJ
Junior Software Developer

Sept 2023 – Present
JavaScript, React-Native, PHP, AWS, Docker

- Led the rebranding of the Selfihealth application to Bandhealth, redesigning 100+ UI elements, icons, and graphics to align with the new brand identity, resulting in more than 25% increase in user engagement and a more cohesive user experience.
- Implemented vibrant avatars and enhanced profile picture features on the app's homepage, adhering to company color codes, which increased homepage retention rates by 10%.
- Revamped the signup process and profile detail sections by transitioning from checkbox-style selections to modern selectable pills, addressing callback issues, and incorporating user feedback, which improved usability and reduced signup drop-off rates by 50%.
- Enhanced algorithmic efficiency for match and group suggestions, leading to a improvement in the accuracy of personalized recommendations.

Bluesap Solutions – New York, NY
Full-Stack Developer Intern

May 2023 – Aug 2023
JavaScript, TypeScript, Angular.js, SQL

- Developed and launched client web applications, integrating features such as real-time chat functionality, customizable user profiles, and interactive data visualization.
- Collaborated on the development of two mobile applications for iOS and Android platforms, implementing user feedback to add features like real-time notifications and in-app purchases.

Projects

EDrater

TypeScript, Next.js, MySQL, RDS, AWS

- Pioneered EDrater, a student course review website accessible via institutional email login, providing honest feedback and facilitating course selection based on peer ratings.
- Designed and implemented a leaderboard layout to highlight the easiest courses as rated by students, enhancing the platform's usability and value for users.

Face And Digit Classification

Python, Matplotlib, NumPy

- 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.

Intuitive Photo Library Application

JavaFX, HTML, CSS, JavaScript, UML, XML

- 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.