

Ameeka Patel

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EDUCATION

Northeastern University

Sept. 2024 - Dec. 2027

Honors B.S. in Computer Science & Business Administration

GPA: 3.924 / 4.0

Concentration in Marketing Analytics

- **Honors:** Dean's List (F24, SP25), John Martinson Honors Program
- **Relevant Coursework:** Object Oriented Design, Fundamentals of Computer Science I & II Accelerated, Discrete Structures, Projects in UX Design

TECHNICAL SKILLS

Languages: Java, Python, SQL, TypeScript, JavaScript, HTML, CSS, Racket BSL, R

Libraries/Frameworks: React, Next.js, TailwindCSS, Node.js, JUnit, Prisma ORM, RadixUI

Tools: Git, Docker, AWS, Vite, Vercel, Supabase, PostgreSQL, Figma, Postman

PROJECTS

GraduateNU | *React, TypeScript, NestJS, PostgreSQL, Docker, AWS*

- Integrated backend support for students with multiple majors, minors, & concentrations by redesigning the TypeORM schema & creating database migrations to handle complex plans, expanding the supported user base
- Restructured frontend "Add Course" modal to provide support for co-requisite classes, prevent incorrect class additions, & include expandable class components for a cleaner & more intuitive user experience for 500+ students

PlaNUr | *React, JavaScript, HTML, CSS, Vite*

- Scraped Northeastern University course catalog for information on 6,000+ classes, enabling students to query class-specific information based on CRN
- Built a frontend comparison view to support a side-by-side display of two classes based on inputted CRNs, streamlining the course selection process by providing all relevant information in a single interface

Safe Bluebikes Finder | *React, Tailwind CSS, Next.js*

- Utilized Google Maps API & Bluebikes system data to provide safety scores for 550+ Bluebikes stations in Boston based on accident & fatality datasets, showing users the closest & safest stations to navigate to

EXPERIENCE

Software Developer & Co-Director of Operations

Jan. 2025 - Present

Sandbox

Boston, MA

- Manage daily operations for 75+ developers & designers across 8 project teams by overseeing onboarding for 25+ new members, managing a \$14k annual budget, & handling logistics/bookings
- Work with a team of developers on GraduateNU, a full-stack platform that empowers 500+ Northeastern students to customize their plans of study, by engaging in weekly standups & conducting code reviews

Software Website Lead & CS Curricula Team Member

Sept. 2024 - Present

FirstByte

Boston, MA

- Lead technical direction & development for internal dashboards using Next.js, Prisma, Supabase, & React
- Spearhead team progress through sprint planning, ticket assignments, & agile methodologies
- Increase accessibility to Computer Science education by developing curriculum & presenting workshops to 40+ high school students at Camp Harbor View

Website Developer

Sept. 2024 - Nov. 2024

Oasis

Boston, MA

- Led a team of developers in creating a course-planning website, allowing users to browse & compare professor ratings, class locations, meeting times, & seat availability based on class CRN

INTERESTS

Baking & cooking, hand-writing & illustrating recipes, field hockey, running