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:** Algorithms & Data, Discrete Structures, Object-Oriented Design , Fundamentals of Computer Science I & II Accelerated, Management Information Systems, Projects in UX Design

TECHNICAL SKILLS

Languages: Java, Python, SQL, TypeScript, JavaScript, HTML, CSS, Racket BSL, R
Libraries/Frameworks: React, Next.js, Node.js, NestJS, Tailwind CSS, Prisma ORM, TypeORM, RadixUI, JUnit
Tools: Git, Docker, AWS, Vite, Vercel, Supabase, PostgreSQL, MySQL, Figma, Postman, Cursor

PROJECTS

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

- Designed database schema & developed dynamic frontend modals to support complex degree planning, enabling 500+ users to seamlessly plan with multiple majors, minors, & concentrations
- Restructured backend architecture to support a plan-sharing feature through unique 5-digit codes, replacing previous JSON exports & streamlining plan collaboration across users with instant shareable links

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

- Scraped Northeastern University's course catalog for 6,000+ classes, creating a search interface that allows students to query course details including professor ratings, seat availability, & waitlist positions by CRN
- Developed a side-by-side course comparison view that streamlines decision-making by consolidating class details, schedules, & availability into a single interface

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

- Developed a safety scoring system for 550+ Bluebikes stations using Google Maps API & accident datasets, implementing a weighted algorithm to evaluate station safety & display optimal routes based on risk

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

Academic Tutor Jan. 2025 - Present
Knack *Boston, MA*

- Conduct weekly one-on-one tutoring for peers in Financial Management, Financial Accounting & Reporting, & Computer Science fundamentals, maintaining a perfect student satisfaction rating

Software Website Lead & CS Curricula Team Member Sept. 2024 - Present
FirstByte *Boston, MA*

- Lead development of internal dashboards using React, Next.js, & Supabase while managing team workflows 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's youth leadership development program

INTERESTS

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