Naman Rusia

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Education

Northeastern University **Expected: Dec 2027**
Bachelor of Science in Computer Science and Business Administration — Minor Mathematics *Boston, MA*
- **GPA: 3.89/4.0 | Dean's List Scholar | American Citizen**
- Courses: Foundations of Artificial Intelligence, Object Oriented Design, Algorithms and Data, Financial Accounting, Financial Management, Foundations of Data Science, Discrete Structures, Database Design
- Involvements: TAMID at Northeastern; Code4Community (software consultancy); Forge (product development)

Work Experience

Auribus Labs **Apr 2025 – Present**
Software Engineering Intern *Boston, MA*
- Building an FDA-compliant RX HealthCare App using **Swift** and **SwiftUI** , used by 60+ researchers at top institutions
- Spearheaded the creation of an **interactive hearing assessment modules** featuring calibrated tone playback, achieving a **95% accuracy rate** in preliminary diagnostic evaluations, as validated by senior engineering team
- Researched, developed and deployed an robust top of the funnel hearing test using ***NextJs, TypeScript and Tailwind***

Venu AI [YC W21] **Apr 2025 – Jul 2025**
Technical Product Management and Software Engineering Intern *Remote*
- Engineered core features by designing and developing CRM tools using **Django**, **React**, **PostgreSQL** and AI APIs
- **Designed and coded scalable backend endpoints** and **optimized database queries** to support high-volume client interactions, **improving certain endpoint efficiencies by up to 70%** and streamlining customer workflows
- Led a team of 5+ interns, overseeing the development and deployment of 20+ features using **Azure, Celery, and Redis**
- Enhanced email client API integrations to reduce spam flagging and enhancing the client-facing UI for improved usability

Forge At Northeastern University **Jan 2025 – May 2025**
Mobile Software Engineer and Software Lead *Boston, MA*
- **Pioneered a React Native mobile application**, integrating Bluetooth Low Energy (BLE) to relay real-time posture data from a **custom Arduino Uno device**, enabling users to **visualize alignment metrics within 200ms latency**
- Architected **modular UI/UX components** and **state management** logic to support sensor feedback and live thresholds
- **Built BLE communication logic** for bi-directional data, flow enabling low-latency feedback and app enabled calibration

Projects

Axiom AI | *Website* | *Source Code* **NextJS | Node | Supabase | RAG**
- Created a startup focused on helping students with school work using **NodeJs** and **NextJS** and **Prisma ORM**
- Designed personalized learning platform **leveraging Google Calendar and Canvas LMS APIs**; enabled **automated schedule creation**, boosting **student assignment completion rates by 30%** within the first semester
- Pioneered an interactive educational platform with capabilities to **generate tailored videos, flashcards, and mindmaps**

NUtrition | *Website* | *Source Code* **React | Webscraping | Selenium**
- Created a **macronutrient tracker** for the Northeastern dining halls, helping provide users with insights about hall meals
- Built an **automated web scraper** for menus by using **Selenium WebDriver**, **Python**, **PyTest**, and **AWS Lambda**
- Architected a self-sustaining system to manage ingestion, processing, and display of data with minimal maintenance

MindfulMomentum | *Website* | *Source Code* **React | Flask | Python**
- Architected a high-performance **PWA achieving 100/100 Google Lighthouse performance metric scores**
- Developed a **Chrome Extension** with c**ross-tab state management** and **background service workers** for **website blocking** and task management, supporting 10+ browser APIs, which acts as a 'focus mode' website blocker
- **End-to-end encryption** of user information to ensure privacy, **tokenization for rate limiting** and OAuth 2.0 flow

Technical Skills

Languages: Python, Java, SQL, HTML5, CSS, JavaScript, TypeScript, Swift, Go
Developer Tools: AWS, Postman, Git, Docker, DataGrip, MySQLWorkbench, IntelliJ, VS Code
Libraries/Frameworks: ReactJS, PostgreSQL, Flask, NextJS, NodeJS, FastAPI, React Native, GraphQL, SwiftUI
Interests: Road Biking, Weight Lifting, Rubik's cubing, Clash Royale, Startups, Community Service and engagement