Aahil Nishad

Boston, MA | Available: Jan. 2025 – Sept. 2025

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EDUCATION

Northeastern University, Khoury College of Computer Sciences, Boston, MA   3.9/4.0 - Dean's List
Candidate for a B.S. in Computer Science, John Martinson Honors Program   *Sep. 2023 – Dec. 2026*
Highlighted Courses: Object-Oriented Design, Algorithms & Data, Database Design, Theory of Computation, Website Production, Discrete Structures, Linear Algebra

SKILLS

Languages/Technologies: Java • TypeScript • Go • Python • HTML/CSS • SQL • Git • JavaScript • C++
Frameworks: React • React Native • Next.js • Fiber • Docker • Astro • Expo • Tailwind • Streamlit

EXPERIENCES

Software Engineer – Platnm, Generate Product Development, *Boston, MA*   *Sep. 2024 – Present*
- Collaborate with designers, developers, and clients in an Agile environment to build an app for rating, reviewing, and discussing artists, albums, and tracks—bringing music reviews back to the masses.
- Deliver full stack support by architecting database schemas, building and testing Go-based types and endpoints for managing review and song data with PostgreSQL, specifically hosted on Supabase.
- Translate Figma mockups into an intuitive, OS-agnostic native mobile app, featuring an optimized navigation framework and other essential components written with React Native, Expo, and TypeScript.

Software Developer – Northeastern Electric Racing, *Boston, MA*   *Jan. 2024 – May 2024*
- Contribute front-end support and ensure integrations with back-end for NER's FinishLine Project Management Dashboard, which manages all projects, teams, and finances using the in-house application. Developed components for the team creation page and assisted in a major UI overhaul.
- Used by 100+ engineers for the construction of a competitive Formula SAE and FH+E racing car.

Lead Developer – VEX Robotics Team 5150H, *Danbury, CT*   *Sep. 2021 – Jun. 2023*
- Implemented control systems in C++ and developed autonomous routing in cooperation with other members for team 5150H in use for 20+ competitions. Provided demonstrations at Connecticut State Capitol as part of the 2023 Student->Manufacturing ConneCTion Fair in Hartford, CT.
- Received 17+ awards, including the Southern New England Regional "Tournament Finalist" for competition placement and "Think Award" for exemplary programming.
- Semifinalists in the VEX Robotics Worlds Championships (2022 & 2023) in Dallas, TX.

PROJECTS

CarbonConnect *(Python, SQL, Docker, Flask, Streamlit)*   *Jun. 2024*
- Developed a web-based carbon emission calculator, utilizing linear regression and TF-IDF cosine similarity to predict emissions from energy usage and matches to real-life conservation organizations.
- Presented to leading experts in circular economy and climate advocacy at KU Leuven, EESC.
- Led the creation of MySQL relational databases, designed efficient schemas, and implemented CRUD operations to manage data flow. Developed API routes and collaborated on front-end implementation.

Let's Link *(Next.js, React, Google Auth, GCal API, MongoDB Atlas)*   *Feb. 2024*
- Created Let's Link, a web app to informally schedule meetings with friends by analyzing and synchronizing Google Calendar data. Contributed support to responsive front-end pages and reusable UI components and assisted in the development of a custom algorithm to optimize meeting times.
- Overcame challenges with Google Authentication and data interpretation, leading to a robust, scalable solution recognized with the *MongoDB Atlas Award* by Major League Hacking at HackBeanpot 2024.

HONORS

[MLH] Best Use of MongoDB Atlas, *HackBeanpot2024* (Feb. 2024)
Honors Impact Badge, *Northeastern University* (Aug. 2024)

INTERESTS

Travel, Cooking, Tennis, Weight Training, Sustainability, Foreign Films, Reading
Languages: Malayalam (Fluent), Spanish (Conversational), Hindi (Beginner)