Aahil Nishad

Boston, MA | Danbury, CT
aahiltn@gmail.com | github.com/aahiltn | linkedin.com/in/aahil-nishad

EDUCATION

Northeastern University, Khoury College of Computer Sciences   3.89/4.0 - Dean's List
Candidate for B.S Computer Science, John Martinson Honors Program   *Expected Dec 2026*
Highlighted Courses: Algorithms & Data, Fundamentals of Computer Science I & II,
Database Design, Website Production, Discrete Structures, Calculus I & II,
Mathematics of Data Models

SKILLS

Languages/Technologies: Java • TypeScript • HTML/CSS • Git • SQL • JavaScript • Python • C++
Frameworks: Next.js • React • Streamlit • Tailwind • Bootstrap

EXPERIENCES

Software Developer – Northeastern Electric Racing   *Jan. 2024 – Present*
- Contribute to NER's FinishLine Project Management Dashboard, which manages all projects, teams, and finances using the in-house application. Now open to other Northeastern University organizations.
- Used by 100+ engineers for the construction of a competitive Formula SAE and FH+E racing car.
- Awarded the Project Management Award at Formula Hybrid + Electric 2024 at Loudon, NH.

Lead Developer – VEX Robotics Team 5150H   *Sept. 2021 – June 2023*
- Implemented control systems in C++ and developed autonomous routing in cooperation with other members for team 5150H in use for 20+ competitions.
- Received 17+ awards, including the Southern New England Regional "Tournament Finalist" for competition placement and "Think Award" for exemplary programming.
- Placed as Semifinalists in the VEX Robotics Worlds Championships (2022 & 2023)

PROJECTS

Let's Link   *Feb. 2024*
- Developed Let's Link, a web application to provide an informal way of scheduling meetups with friends.
- Written with Next.js using Google Auth, GCal API, and MongoDB Atlas.
- Awarded the MongoDB Atlas Award by Major League Hacking at HackBeanpot2024.

CarbonConnect   *Jun. 2024*
- Developed a web-based carbon emission calculator, utilizing linear regression and TFIDF cosine-similarity to predict emissions from energy usage and matches to real-life conservation organizations.
- Written with Python, SQL, Docker, Streamlit, and Flask
- Lead the creation of MySQL relational databases and API routing to front-end and implemented front-end in collaboration with project members.

TUNUL   *Apr. 2024*
- Developed TUNUL, a mobile-friendly navigation website for Northeastern University's tunnel system.
- Front-end development using React.js and TypeScript; implemented Dijkstra's algorithm in JavaScript with JSON nodes.
- Part of OasisNEU, worked on project management and teamwork dynamics.

HONORS

[MLH] Best Use of MongoDB Atlas, *HackBeanpot2024* (Feb 2024)
Highest Ranked Male, *Danbury High School* (2023)
President, *Model United Nations (2021-2023)*
President*, Mu Alpha Theta (2021-2023)*
Vice President/Event Coordinator, *National Honor Society (2022-2023)*
National Merit Commended Student (*2023*)
Languages: English (Native), Malayalam (Fluent), Spanish (Conversational), Hindi (Beginner)