Boston, MA
Availability: Jan 2026 – Aug 2026

Ashwin H. Iyer

(682) 239-9481
iyer.ashw@northeastern.edu
ashwiniyer.com

Education

Boston, MA **Northeastern University** **Expected May 2028**

- Candidate for B.S. in Computer Science and Business Administration.

Languages and Technologies

- **Languages:** C++, Java, Python, JavaScript, TypeScript, SQL, Kotlin
- **Frameworks & Libraries:** React, Redux, TensorFlow, Keras, Pandas, NumPy
- **Developer Tools:** Git, IntelliJ, Eclipse, PyCharm, Xcode, PostgreSQL, Microsoft ADO

Projects

- **Her Impact Project** (June 2022-Present). Built the website for the Her Impact Project, a non-profit organization that aims to support female founders. **HTML, CSS, Javascript**
- **PaveGuard** (October 2023). Developed an image recognition model to categorize potholes and other road fractures, enabling a crowdsourced approach to addressing city infrastructure needs. **React, Python, YOLO**
  – Awarded the top prize in the AI for all hackathon hosted at the University of Texas at Dallas.
- **HomeReady Pro** (November 2023). Built a website that analyzes financial data and leverages AI to assess homeownership eligibility, providing personalized recommendations to help users achieve their goal. **React, TypeScript, Insomnia**
  – Awarded the top prize in the Kintone challenge at HackUTD with over 875 participants.
- **Algorithmic Options Trading** (August 2023-December 2023). Built an algorithmic trading tool that utilized the difference between implied volatility and realized volatility to suggest option strategies. **Python, TypeScript, Pandas, NumPy**

Work Experience

Front-End Developer, Intern **Zeal IT Consultants** **May 2025 – August 2025**

- Developed the frontend for Trinity Industries' Asset Management System using React and Next.js.
- Increased sprint capacity for UI development by over 10 story points per sprint, accelerating the project timeline by 4 weeks, and increased the overall team delivery capacity by 300% within one release cycle.
- Decreased page loading times by migrating from MobX to Redux in addition to implementing server-side rendering, resulting in a 94% decrease in page load times.

Interests