

# Filip Ilić

Melrose, MA, USA | [ilic.f@northeastern.edu](mailto:ilic.f@northeastern.edu) | 617-943-9103 | [github.com/filic2005](https://github.com/filic2005) | [fililic.com](https://fililic.com)

Availability: July 2025 – December 2025

## Education

**Northeastern University**, Boston, MA

Sept 2024 – May 2027

Khoury College of Computer Sciences – Candidate for B.S. in Computer Science

**GPA: 3.84/4.00**

**Relevant Coursework:** Object-Oriented Design, Theory of Computation, Logic and Computation, Discrete Structures, Intensive Math Reasoning, Foundations of Cybersecurity, Introduction to Databases

**Activities:** Downhillers Ski and Snowboard Club, NUHOC, Intramural Soccer

**Worcester Polytechnic Institute**, Worcester, MA

Aug 2023 – May 2024

Candidate for B.S. in Computer Science

**GPA: 3.75/4.00**

**Relevant Coursework:** Algorithms, Systems Programming Concepts, Calculus 3 & 4

**Honors:** Dean's List All Semesters at NEU & WPI, WPI Presidential Scholarship

## Skills

**Tech Languages:** Java, Python, TypeScript, JavaScript, R, SQL, C, C++, Racket, HTML/CSS

**Frameworks/Tools:** React, Node.js, Express, Supabase, Git, MySQL, PostgreSQL, Vite

**Platforms:** AWS (S3, Route53, CloudFront, Certificate Manager), Windows, Linux, macOS

**Languages:** English (Fluent), Serbian (Fluent), German (Intermediate)

**Soft Skills:** Teamwork, Accountability, Quick Learner, Critical Thinking, Problem-Solving, Motivated

## Projects

**Redline** | *TypeScript, React.js, Node.js, Express.js, Tailwind CSS, PostgreSQL, REST APIs, Supabase*

July 2025

- Built a full-stack social platform for car enthusiasts; profiles showcase builds, mods, and service logs.
- Developed RESTful APIs (auth, posts, comments, likes, follows) with Express/PostgreSQL, using Supabase for sessions and access control.
- Created responsive frontend with React + Tailwind; added dynamic feeds and profile routing with React Router.

**Flight Incident Database** | *R, MySQL*

June 2025

- Designed and implemented a relational database (3NF) for flight incident reports using MySQL.
- Built an ETL pipeline in R to clean, transform, and batch-insert CSV data into normalized tables.
- Developed stored procedures, enforced referential integrity, and ran analytical SQL queries via R.

**fililic.com** | *AWS, HTML, CSS, JavaScript*

Jan 2025

- Built and deployed a responsive personal portfolio site using HTML/CSS/JavaScript.
- Configured AWS services (S3, Route53, CloudFront, Certificate Manager) for hosting, custom domain routing, and HTTPS encryption.

**Three Trios** | *Java*

Oct 2024

- Developed a Java-based multiplayer game, *Three Trios*, incorporating over 50 Java classes, interfaces, and enumerations.
- Followed object-oriented design principles such as Inheritance, Composition, Model/View/Controller, Decorators, Strategies, Observers, etc.
- Designed gameplay mechanics allowing players to compete against either human opponents or algorithms with diverse play style strategies.

## Experience

**Code for Boston**, Boston, MA | *TypeScript, React.js, Node.js, Express.js, Vite*

March 2025 - Present

*Open-Source Software Engineer*

- Contributing to a frontend-focused platform that improves public access to liquor license statuses for Massachusetts businesses.
- Using TypeScript to build a user-friendly interface that simplifies tracking of applications, renewals, and availability.
- Collaborating on architecture and UI design based on state-provided licensing data.