Dagimawi Tamrat

(617) 785-7515 | [dtamrat7@gmail.com](mailto:dtamrat7@gmail.com) | GitHub: [Dagimawi7](https://github.com/Dagimawi7) | LinkedIn: [Dagimawi-Tamrat](https://www.linkedin.com/in/dagimawi-tamrat/) | [Portfolio Website](https://dagimawi7.github.io/Portfolio_website/)

**SKILLS**

**Programming Languages**: Python, Java, C

**Web Development**: React, Node.js, Next.js, JavaScript, HTML, CSS

**Cloud & DevOps**: AWS, Git, GitHub

**Databases**: SQL

**EDCUATION**

**University of Massachusetts Boston**

Bachelor of Arts in Computer Science Graduated: Dec 2024

**EXPERIENCE & PROJECTS**

[Peek](https://cancer-screening-omega.vercel.app/)

**Front End Web Developer** January 2024 – May 2024

* Co-led the design and development of a cancer screening web application to help medical professionals analyze patient footage and notes.
* Built a responsive, accessible frontend using React.js and Tailwind CSS, enhancing maintainability and user experience.
* Implemented secure user login with Firebase Authentication.
* Engineered core features: video playback, real-time notetaking, screenshot capture, and PDF report generation.
* Applied Agile methodologies to coordinate weekly sprints and team collaboration.

[Hi5 Decor & Rental](http://hi5decor.com/index.html) December 2024 – Jan 2024

**Front End Web Developer**

* Built and launched a fully responsive marketing website for a home decor business using HTML, CSS, and JavaScript.
* Designed a clean, mobile-first UI to highlight products and services, improving usability and accessibility across devices.
* Developed interactive features like smooth scrolling, product gallery, and a contact form to increase user engagement and support lead generation.
* Hosted the site on GoDaddy with custom domain and SSL, managed deployment, updates, and technical troubleshooting end to end.

[**Weather App Developer – Personal Python Project**](https://github.com/Dagimawi7/Weather-Application)

* Built a cross-platform desktop weather app using Python, PyQt5, and the OpenWeatherMap API, delivering real-time weather data with emoji-based visual feedback.
* Designed a clean, dark-themed UI with smooth animations, interactive weather icons, and responsive layouts using QGraphicsScene and Qt Stylesheets.
* Implemented robust error handling and network request logic to ensure stable performance and user-friendly error messages.
* Used Git/GitHub for version control and set up GitHub Actions for automated testing and Continuous Integration to maintain code reliability.

**LEADERSHIP**

GDSC-UMASS-BOSTON

**Club Co-President** August 2023 – June 2024

* Led the Google Developer Student Club by organizing workshops, hackathons, and tech talks, increasing active membership by 40%, and built a Discord community for peer support on careers and academics.
* Coordinated with top tech engineers via email to host sessions on software engineering, resume tips, and interview prep, fostering collaboration and practical skill growth.