

Vaibhav Saini

Portfolio: [vsaini-portfolio.vercel.app](https://vaibhav-saini.vercel.app) | Email: vsaini3940@gmail.com | Phone: (617) 910-0742

LinkedIn: <https://www.linkedin.com/in/vaibhav-saini-coder> | GitHub: <https://github.com/vaibhav-saini-dev>

Technical Skills

Languages: C, C++, C#, Java, JavaScript, Python, Racket, SQL

Frontend: HTML, CSS, Vite, React, Ionic React, Next.js

Backend & Databases: Firebase, Django, SQL, Postgresql

Tools & Systems: Git, GitHub, Canva, Figma, ESP32, Arduino, Visual Studio Code

Concepts: Software Development, Web Development, Hardware Integration

Experience

AUGUST 2025 - JANUARY 2026

UMass Boston, Boston, MA - *Teaching Assistant*

- Assisted students with problem-solving and proof techniques in an upper-level Theory of Computation course
- Graded assignments and exams using structured rubrics to ensure consistency and fairness
- Explained complex theoretical concepts during office hours and one-on-one help sessions

DECEMBER 2022 - JUNE 2023

Medford Vocational Technical High School, Medford, MA - *Web Developer*

- Developed and maintained front-end website pages for the school district
- Collaborated with a small team to implement user-facing content and updates

Education

AUGUST 2023 - MAY 2026

UMass Boston, Boston, MA - *Bachelor of Science in Computer Science*

GPA: 3.923/4.0

Honors: Graduating one year early

Projects

FortniteInfo | Vite, React | <https://fortnite-info.netlify.app/>

- Built a Progressive Web Application displaying live Fortnite data, including maps, news, and shop items

RFID Classroom Attendance System | Vite, React, Firebase, ESP32

GitHub: <https://github.com/vaibhav-saini-dev/Smart-Classroom-Attendance-System>

- Designed an RFID-based attendance system using ESP32 hardware and an RFID reader
- Implemented a Firebase backend to store and retrieve attendance records
- Built a React frontend to visualize attendance data and classroom status