

Eric A. Boadu Software Engineer

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📍 Worcester, MA

⌚ Github

👤 LinkedIn

👤 Profile

Seeking a software engineering opportunity where I can apply my knowledge of Java, React, and Python in real-world projects.

</> Technical Skills

- **Programming Languages** – HTML/CSS, JavaScript, Vue.js, React.js, Java, C++, Python, Node.js, .NET •
- **Databases** – MSSQL, PLSQL, MongoDB •
- **IDEs** – Visual Studio 2022, VSCode, Oracle Cloud, SQL Server Management Studio 2022 •
- **Operating Systems** – Windows 10/11, Linux (Arch & fedora)

🧠 Core Competencies

- Strong problem-solving and debugging skills
- Frontend & backend architecture knowledge
- Desire to optimize code for efficiency.
- Able to quickly adapt to new skillsets.
- Team-oriented with strong communication skills.

📅 Professional Experience

Web Development Intern

Areli Beauty

- Created custom JavaScript and CSS to flush out layout design
- Improved content structure and metadata to strengthen SEO

IT Help Desk Intern

Hamra Enterprise

- Provided technical support by troubleshooting hardware, software, and network issues
- Assisted with system setup and routine maintenance
- Documented recurring technical issues to reduce repeat support requests

📁 Projects

Personal Projects

- **AI Voice Assistant (Python, Ollama, TTS/STT)** Built a real-time voice assistant with speech recognition and local LLM integration.
- **Motion Detection Security System (Python, OpenCV)** Developed a computer vision system that detects motion and triggers alerts in real time.
- **Chat App (Vue.js, WebSockets)** Created a real-time messaging app with live updates and responsive UI.
- **Netflix-Style UI (React/Vue, CSS)** Built a Netflix-inspired streaming interface with dynamic content rendering.
- **Fitness Tracker (MERN Stack)** Developed a full-stack fitness app with authentication and workout tracking.

🎓 Education

Elms College

Bachelor of Science in Computer Science | Double Minor in Data Analytics & Cybersecurity GPA: 3.9 | Graduation: May 2025