

# Eric A. Boadu Software Engineer

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## 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