TADESE BIRARA

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OBJECTIVES

Motivated software engineering student leveraging foundational knowledge in symbolic AI and web development seeking a Developer Internship program. Eager to apply practical experience in building expert systems (and full-stack applications (JavaScript) to contribute to Alayh innovative projects and learn industry best practices in a professional development environment

EDUCATION

INIJIBARA UNIVERSITY

JULAY 2027 BACHLOR OF SOFTWARE ENGINEERING.

- Relevant Coursework: Artificial Intelligence, Data Structures & Algorithms, Logic Programming, Web Development
- Fundamentals.Academic Project: Developed a Weather Prediction System in Prolog (Expert System). Utilized backward chaining logic to interpret atmospheric data and forecast weather conditions.
- Tech Campaney portfolio website with react native and express

TECHNICAL SKILLS

Languages: JavaScript (ES6+), Prolog, HTML5, CSS3

Frameworks/Libraries: SWI-Prolog, Web Storage API

Tools: Git, GitHub, VS Code, Chrome DevTools Concepts: Expert Systems, CRUD Operations, DOM Manipulation, Backward Chaining

SOFT SKILLS

Logical Problem-Solving: The ability to break down complex issues into smaller, manageable parts—a skill sharpened through Prolog logic programming.

Effective Communication: Being able to explain technical concepts (like AI rules or JS functions) clearly to both technical and non-technical audiences.

Adaptability & Fast Learning: A proven track record of quickly mastering new technologies, such as moving from Logic Programming to Web Development.

Attention to Detail: Precision in writing code and documentation to ensure system accuracy and minimize bugs.

Time Management: The ability to prioritize tasks and meet deadlines, demonstrated by completing complex, multi-page project documentations.

Collaboration: A team-first mindset focused on contributing to shared goals and participating in constructive code reviews.

Self-Motivation: A proactive approach to learning, evidenced by building personal projects outside of standard classroom requirements.

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