**Matusala K. Gebrehiwot**

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**EDUCATION**

**Oulu university of Applied Science Oulu, Finland**

*B.S. in Information Technology Expected Graduation, June 2026*

* **Concentrations:** Software Engineering
* **GPA:** 4.3/5.00
* **Related Coursework:** Data Structures & Algorithms, Objects & Design, Machine Learning, Object-Oriented Programming, Statistics & Applications, Database Systems, System Architecture

**EXPERIENCE**

**ETA Solutions Addis Ababa, Ethiopia**

*Software Engineering Intern July 2024 – Aug 2024*

* Developed and maintained responsive web applications using HTML, CSS, and JavaScript (React), ensuring mobile and cross-browser compatibility.
* Collaborated with design and engineering teams to create a balance between functional and aesthetic design.
* Implemented reusable code components, reducing development time by 30%.
* Participated in debugging and testing phases, achieving a 20% reduction in error rates.

**AISEC Addis Ababa, Ethiopia**

*Content Developer Mar 2020 - Nov 2020*

* Designed content-driven websites, enhancing user experience through efficient navigation.
* Produced multimedia content, including videos and infographics, to support digital content strategies.
* Conducted industry trend analysis to inform content direction, boosting website traffic by 20%.

**PROJECTS**

**Speedy-Delivery Project Helsinki, Finland**

*Full Stack Web Delivery Service – Team Leader Oct 2023 – Dec 2023*

* Spearheaded the development of a comprehensive parcel delivery system, overseeing four key components:
  + Backend API: Led the design and implementation using Node.js and Express to manage core functions such as user registration, authentication, parcel tracking, and management.
  + **Consumer Application:** Directed the development of a React-based user application that allows consumers to manage parcel deliveries, with real-time tracking and notifications.
  + **Driver Application**: Supervised a React-based tool for delivery drivers, providing real-time routing and tracking capabilities for efficient pickups and deliveries.
  + **Locker Simulator:** Developed a simulator to emulate parcel locker operations, vital for testing backend integration and ensuring seamless user experience.
* Coordinated cross-functional teams, established clear communication channels, and ensured project adherence to quality standards and timelines.

**SuomiStay Oy Helsinki, Finland**

*Mobile Booking System – Team Leader Apr 2023 – Jun 2023*

* Led the creation of a mobile application for hotel bookings across Finland, focusing on five main components:
  + **Project Planning and Coordination:** Defined objectives, coordinated team tasks, and ensured timeline adherence.
  + **Front-End Development:** Supervised UI development with React Native, creating a seamless experience for hotel search and booking.
  + **Agile Methodologies:** Implemented agile practices such as sprint planning and daily stand-ups to ensure project milestones were met, demonstrating adaptability in a dynamic, fast-paced environment.
  + **Quality Assurance**: Implemented unit and integration tests, ensuring the application’s reliability and performance.
  + **Deployment and Maintenance**: Oversaw app store deployment and established protocols for maintenance.
* Facilitated effective communication, addressed challenges promptly, and ensured project success within the set timeframe.

**Career Summary**

Motivated and technically skilled 3rd-year Software Engineering student with hands-on experience in software development, particularly in full-stack web and mobile applications. Excellent in C++, Java, and low-level programming, with a strong interest in computer systems architecture and microprocessor fundamentals. Eager to learn and adapt to new technologies and methodologies, even those I am less familiar with, to continually expand my technical capabilities.

As I enter this critical stage of my career, I am driven to build real-world experience in a professional setting, and I am open to working on an unpaid basis initially to showcase my problem-solving skills, collaboration abilities, and quick learning aptitude. I am committed to demonstrating my potential to contribute to impactful projects, with the goal of becoming a valuable asset to a forward-thinking team.

**Professional Attributes**

**Reliable & Safety-Centric:** Attentive to producing robust and reliable software, with a focus on achieving functional safety in design and implementation.

**Collaborative Team Player:** Effective communicator with strong teamwork skills, dedicated to achieving project goals.

**Creative Problem Solver:** Passionate about tackling challenging problems and developing innovative, practical solutions.

**SKILLS**

**Programming Languages: C,** C++, C#, Python, Java, JavaScript, SQL, HTML/CSS

**Systems/Frameworks:** Linux Terminal, Microsoft SQL Server, MongoDB, Git, Docker, React, Express.js, Tailwind CSS

**Key Skills:** Test automation, debugging, system architecture