SEMAHEGN KASSIE

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I am a dedicated and results-driven **full-stack developer** with expertise in building scalable and efficient web applications, also passionate about leveraging modern technologies to solve complex problems and deliver impactful solutions.

EDUCATION

BSc. Software Engineering, Debre Berhan University - Top **6** Universities in Ethiopia, **CGPA − 3.89** 2017 – 2021

SKILLS

Programming Language	Java, Typescript, JavaScript,
Frameworks and Other	Java Spring Boot, Angular, React, Bootstrap, Angular Material
Technologies	Firebase, Jenkins, Git, Docker, Jira
Database and related	MySQL, MongoDB, Oracle

EXPERIENCE

Hibret Bank S.C. – Full Stack Developer   *Addis Ababa,* Aug 2022 – Present

- **Designed**, **developed**, and **deployed** scalable web applications, ensuring seamless integration between backend and frontend systems.
- **Collaborated** with cross-functional teams and Utilized tools like **Git** for version control and **Jira** for project management to deliver high-quality software solutions.

CNET Software Technologies P.L.C – Quality Assurance & Documentation *Addis Ababa,* Sep 2021 – Jul 2022

- **Ensured** software quality through comprehensive testing and bug reporting
- **Documented** software processes, workflows, and user manuals
- **Collaborated** with development teams to identify and resolve software issues

PROJECTS

Learning Management System (LMS)
- **Developed** a full-stack web application using **Spring Boot** and **Angular**, implementing core features such as user authentication, course management, examination, and grading.
- **Enhanced user engagement** by integrating real-time feedback systems and performance tracking, resulting in a 30% increase in student participation.

Integrated Property Management Information System (IPMIS)
- **Worked** as a full-stack developer, building a backend with Spring Boot and a dynamic frontend using Angular to manage functionalities such as asset management, purchase, issue, return, and disposal.
- **Streamlined** property lifecycle tracking, reducing manual inventory errors by 35% and increasing operational efficiency.

Audit Management Information System
- Worked as a **full-stack** developer, designing and developing the backend with **Spring Boot** and the frontend with **Angular** for tracking and reviewing audit processes.
- Enhanced reporting capabilities with interactive dashboards and advanced filtering options.

Human Resource Management Information System (HRMIS)
- **Engineered** comprehensive HR modules as a full-stack developer, leveraging Spring Boot for backend logic and Angular for a streamlined, user-centric interface.
- **Reduced** manual processing by 40% by automating key HR workflows, significantly improving data accuracy and reducing overhead.

HOBBIES

Reading books on personal development and technology, Problem-solving through coding challenges.