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# DANIEL HAGOS

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## PROFESSIONAL SUMMARY

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Full Stack Developer with over 5 years of experience designing, developing, and maintaining web applications for the Ministry of Local Government Eritrea and healthcare companies. Skilled in building and improving tools and systems, with a proven track record in supporting production operations and delivering innovative solutions that enhance efficiency and performance.

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## SKILLS

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- **Frontend development:** DHTML, HTML, XML, CSS, Bootstrap, JavaScript, Angular, React, Redux
- **Database management:** SQL, MySQL, PostgreSQL, fire store
- **CMS Tools:** WordPress, Joomla, WIX
- **DevOps:** Docker, Firebase
- **Agile Methodologies:** Jira, Confluence
- **Backend development:** Java, Go, Node, PHP(basic foundation), ASP.NET, jQuery
- **Version control and Build Tools:** Git, Jenkins, GitHub, Web Pack, Babel, NPM/Yarn
- **Conferencing platforms:** MS Teams, WebEx, Zoom, Skype, Slack, Confluence
- **Others:** API, SharePoint, Web service design
  - **Tools:** Visual Basic, MS Access, MS Excel

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## WORK HISTORY

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**Full Stack Web Developer**, 07/2020 - 10/2023

**Eri-Tech** – Kampala Uganda

- Developed web services and APIs that enabled seamless communication between front-end and back-end components, enhancing application functionality
- Used React JS as front end mixed with Styled component which is powerful CSS and JS frame work, CSS frame works of Bootstrap and tailwind as front end and Node.JS as backend with MySQL as database.
- Worked with back-end development team to deliver full solutions to clients resulting in 15% increase in client satisfaction.
- Contributing to 40% increase in project delivery speed and 30% reduction in development costs through efficient coding practices and reusable components.

**Technologies Used** :HTML, CSS, Bootstrap, JS, React, Node, Styled-Components, MySQL, Go, Jest

**Android App Developer**, 09/2018 - 05/2019

**Milano Dev** – Kampala, Uganda

- Developed and maintained the "Home Doctors" Android application using Java and Gradle, facilitating

patient-doctor appointments and self-medication guidance with a team of 4 full stack developers.

- Collaborated closely with cross-functional teams using tools like Jira and Slack to gather requirements, design solutions, and deliver high-quality software that met user needs and exceeded business objectives.
- Improved the application which resulted in reduced clerk appointment scheduling by 70%
- **Technologies Used:** Android Studio, IntelliJ IDEA, Android, Java, SDK, Git, Gradle

### **Java Full Stack Programmer, 08/2016 - 09/2018**

**Ministry Of Local Government** – Mendefera, Eritrea

- **PIMS (Practice management software)**
- Developed Human Resource Software, helps HR members recruit staff, take attendance, track individual staff performance, assign tasks and salary sheets
- Used Java as core language with Eclipse RCP (Rich Client Platform): for frontend and backend and MYSQL as database system.
- Led transition to paperless practice by implementing electronic booking system and faster, safer and more accurate business system; reduced cost of labor by 30% and office overhead by 10%.
- Increased overall employee productivity by 25% by implementing effective task management and performance tracking systems, ensuring that goals are met and exceeded.
- Designed custom dashboards and automatic report generating weekly, monthly and annually.

**Technologies Used:** HTML, CSS, Java Script, React and MySQL

### **IT Trainer and Tutor, 07/2015 - 08/2018**

**Ministry Of Local Government** – Asmara, Eritrea

- Taught 850+ staff employers in Southern Region of Eritrea, basic introductions in computer usage, Microsoft office packages, and computer maintenance and general foundation of computer world
- Worked as advisor and Help Desk for regional office.
- **Technologies Used:** Slack, MS Teams, WebEx, Zoom, Confluence, Windows, Mac, IOS, Team-Viewer, Antivirus Tools

### **Desktop Client and Server Side App Developer, 01/2014 - 01/2015**

**Eritrean Institution Technology Graduate Project / Asmara, Eritrea** – Asmara, Eritrea

- As an undergraduate final project, collaborated with 4 other group members to develop a desktop application that assisted 12th-grade students in selecting their ideal postsecondary education streams based on their grades and interests.
- Led the shift from a manual process to a fully computerized system, resulting in 100% transition to digital. The application was adopted by the Eritrean Ministry of Education as a replacement for hardcopy systems and Microsoft Excel, streamlining the process of recording and registering student information.
- Played a key role in designing intuitive user interfaces and reports that simplified data entry and generated automatic reports for school administrators, improving decision-making and reducing errors.
- Worked closely with the Ministry of Education to customize the application to fit evolving needs, resulting in widespread adoption across multiple schools.
- **Technologies Used:** HTML, CSS, Bootstrap, JavaScript, Java, Visual Studio, Jira, and Confluence

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## PROJECTS

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- **Project Name:** Boundless Peace and Hope Intuitive
- **Date Period:** January 2023 - June 2023
- **Location:** Remote
- **Short Summary of Work:** Developed a comprehensive website for Refuge, a non-profit organization dedicated to providing support and resources for displaced individuals and refugees of the South Sudan camp. Utilized React for the front end, styled components for styling design, Go for the backend, and MySQL for database management.
- **Successful Outcome:** Raised \$7,500 for the charity through online donations and fundraising events facilitated by the website. Increased user engagement and outreach for the organization.

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## EDUCATION

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**Go Certificate:** Go Programming, 01/2024

**Comit** - Winnipeg, Manitoba

**Complete Web Development Boot camp:** Full Stack Web Development, 01/2023

**Udemy Online** - Online

**Bachelor of Science:** Computer Science, 07/2016

**Eritrea Institution Technology** - Asmara, Eritrea

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## AWARDS

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- Best Project of the Year Award, Eritrean Institution Technology, 2015
- Certificate of Achievement in Android App Development