



## Samuel Brhane

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### ABOUT ME

Hello, I am a self-taught software developer with expertise in full-stack web development and mobile app development. I have acquired my coding and programming skills by reading books, exploring different framework documentations, utilizing YouTube tutorials and online courses like Coursera and edX, and participating in boot camps such as freeCodeCamp. My knowledge and experience lies in the MERN stack, which includes MongoDB, Express.js, React, and Node.js, as well as Next.js and Firebase. Additionally, I have hands-on experience in developing cross-platform mobile applications using React-Native.

Apart from my technical skills, I possess excellent communication skills and problem-solving abilities. I enjoy working in a collaborative environment and thrive in fast-paced development environments. When I am not coding, I read up on the latest advancements in web and mobile app development and experiment with new technologies. I firmly believe in continuous learning and self-improvement and always look for ways to expand my knowledge and skills.

If you are searching for a passionate and committed self-taught software developer with expertise in full-stack web development and mobile app development, please do not hesitate to contact me to discuss your project requirements. I am confident in my ability to deliver high-quality work and exceed your expectations.

### WORK EXPERIENCE

#### Junior Civil Engineer

**Tsegay Welay General Contractor** [ 29 Dec 2020 – 14 Jul 2021 ]

**City:** Addis Ababa

**Country:** Ethiopia

1. Developing and designing blueprints and checking those blueprints with the real groundwork projects.
2. Overseeing and controlling the project workflow.
3. Preparing cost estimates of the labor force and construction materials.
4. Visiting the construction site to make daily reports on the workflow and preparing project reports.

#### Full-Stack Developer(Freelancer)

**Upwork** [ 24 Nov 2022 – Current ]

**City:** Addis Ababa

**Country:** Ethiopia

1. Developing and maintaining web and mobile applications from scratch to deployment
2. Developing and implementing back-end functionality using databases and server-side technologies like Node.js, Express, and MongoDB
3. Creating and maintaining APIs to integrate with third-party services and tools

4. Developing and maintaining server-side rendering applications using Next.js
5. Developing and maintaining mobile applications using React Native
6. Ensuring web and mobile applications are optimized for speed, scalability, and security
7. Testing applications to identify and fix bugs and improve performance
8. Staying up to date with emerging trends and technologies in web and mobile development
9. Continuously improving the user experience of web and mobile applications.

## EDUCATION AND TRAINING

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### **Bachelor of Science Degree in Civil Engineering**

**Addis Ababa Institute of Technology** [ 15 Sep 2014 – 25 Dec 2020 ]

Address: 5 kilo campus, 1174 Addis Ababa (Ethiopia)

Website: [www.aau.edu.et](http://www.aau.edu.et)

Field(s) of study: Civil Engineering

Final grade: 3.22

## LANGUAGE SKILLS

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Mother tongue(s): **Amharic**

**Other language(s):**

**English**

**LISTENING C1 READING C1 WRITING C1**

**SPOKEN PRODUCTION B2 SPOKEN INTERACTION B2**

## DIGITAL SKILLS

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### **Social Media**

Zoom / Facebook / Skype / Instagram / Twitter

### **Architectural, Drawing and Design software's**

ETABS / AutoCAD / MS Project / SAP 2000

### **Microsoft**

Microsoft Word / Microsoft Office / Microsoft Excel / Microsoft Powerpoint

### **Programming Language**

HTML / Express.js / React.js / CSS / React-Native / BootstarpCSS / postgresSQL / MongoDB / Python / C# / Tailwind CSS / Javascript / SQL / CSS (SASS/LESS) / Next.js / Node.js

## PUBLICATIONS

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### **C# Program For Pile Cap Design**

[2020]

This thesis project was completed as a requirement for my Bachelor's degree in Civil and Environmental Engineering. The project was titled "C# Program For Pile Cap Design," and it involved the development of a software program to automate the calculation and design process of pile cap foundations using C#. While working on this project, I discovered my passion for software engineering and programming. This project allowed me to explore my interests in these fields and learn more about how technology can simplify complex engineering calculations.

Through this project, I gained valuable experience in software development, which ultimately led me to pursue a career in this field. Overall, this thesis project was a significant milestone in my academic and professional journey. It provided me with the opportunity to explore new areas of interest and gain practical experience in software development. As a result, it shifted my interest to software development and paved the way for my career in this field.

## **DRIVING LICENCE**

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**Driving Licence:** BE 23 Apr 2021 – 23 Apr 2023

## **PROJECTS**

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### **Internship**

[ 10 Feb 2019 – 10 Jun 2019 ]

- I worked as an intern at TNT Construction Company Ltd for 4 months as part of my university education.

## **COMMUNICATION AND INTERPERSONAL SKILLS**

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### **Skills**

1. Good communication skills gained through my experience as Junior Civil Engineer and Software Developer.
2. Team management and problem-solving.
3. Good verbal, written, and communication skills and critical thinking skills as a Freelancer.