

# SELAMAWIT GEBREKIDAN

## SOFTWARE DEVELOPER

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### ABOUT ME:

I was first introduced to programming when I was in my second year of college, taking an introduction to C++ course. I found that I enjoyed writing creative and logical code that is beneficial to users. After graduating from college with a degree in Engineering, my dream was to further my education by studying technology. I attended Nashville Software School to get one step further to my dream of a career in technology. I am excited to continually grow my knowledge of technology throughout my career.

### CAPSTONE PROJECT:

#### Front end: Travel planner

A travel planner is a single page **CRUD** Application to organize group travel, allowing users to register as organizers. In the application users can keep track of traveler status, places to stop by, and manage tasks. The application is built using a **JavaScript** library **React**, used **CSS** for styling and **JSON-server** to simulate a server for storage and conditional rendering of user data.

🔗 <https://github.com/SelamDese/travel-planner-react>

#### Back end: Friends Home Library

This library application is built to encourage users to share books. The application allows users to upload books, borrow books, keep track of who borrowed their books and books they borrowed from other users, and return to the library. Users can also add a book to their wish list. The application is an **MVC Entity** framework application using an **Identity** framework for user authentication, **AZURE Data Studio** as a cloud database. Used **Bootstrap** to style the application

🔗 <https://github.com/SelamDese/HomeLibrary>

### EDUCATION:

Nashville Software School  
Full stack Software development, 2018-19

Mekelle University  
BS, Industrial Engineering, 2006-10

### CERTIFICATIONS

MCPD: SharePoint® Developer 2010,  
MCTS: SharePoint® 2010, Application

### EXPERIENCE:

**Software Developer,**  
Nashville Software School

Nov 2018 - current

- Hands-on application of **OOP** through individual and group projects
- Source code version control with **Git/GitHub**
- Project management with **GitHub** projects issue tracking
- Application design through white boarding dependencies, building **ERD's**
- Built browser-based single page applications using **JavaScript, React, HTML, and jQuery**
- Server-side development fundamentals with **C#.NET, Python/Django**
- Create and manipulate relational databases using **SQL, ADO.NET** and **ORM** tool and experience with **migration**.
- Leveraged **Razor** for creating and editing **MVC** applications views

### GROUP PROJECTS:

#### • Nutshell

Nutshell is a dashboard for people uses to organize their tasks, events, news article, and chat messages with friends. Built as both a **JavaScript** and a **React** Application. My role in the group was creating a news article section of the dashboard.

React: 🔗 <https://github.com/SelamDese/reactive-nutshell-lochsea>

JavaScript: 🔗 <https://github.com/SelamDese/nutshell-chaotic-harmony>

#### • Bangazon Workforce Management

Bangazon Workforce Management is an **ASP.NET MVC** application for the HR department of Banagazon, to organize staff, and equipment allocation. Built using, **C#** language, **ADO.NET** for **SQL** access, **Azure** as Cloud for database and **ASP.NET**. My role in the group was building the employee management part of the project.

🔗 <https://github.com/grumpy-rainbows/BangazonWorkforce>

#### • Selam pizza

A web application for handling a pizza online orders. Users will be able to browse the menu, add items to their cart, and submit their orders.

🔗 <https://github.com/SelamDese/Selpizza>

**TLC Inspector,** Asurion

Sep 2016- Oct 2018

- Troubleshoot Handset devices based on customer presented malfunction
- Validated raw data's of the finished goods by using DAX system
- Worked on a SharePoint collaboration site, to share report and other documents

**Assistant Lecturer,** Hawassa University

July 2010 - Dec 2014

- Prepared lesson plans and follow up on the implementation
- Prepared Drafting, and Specifying Technical Devices for engineering drawing course
- Provided documentation, detailed instructions, drawings, and various teaching aid materials for engineering drawing course
- Tutored students as needed in small groups and supervise activities in the classroom
- Provided support to the lecturer to ensure productive learning environment