# THOMAS A. HABTEMARIAM, ENG.

A full-Stack web developer and experienced Civil Engineer

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GitHub: https://github.com/tomhabt
Portfolio: https://tomhabt.github.io/react-portfolio/

## SUMMARY OF QUALIFICATION

*Full-stack web developer* with developing experience in successfully designing and implementing web applications.

- Developing skills in UI technologies like React, HTML5, CSS, JavaScript frameworks and libraries,
- Developing skills with responsive web design using React-bootstrap,
- Developing skills in RESTful API Services with Node.js, Express.js,
- Developing skills with MongoDB (mongoose) and MySQL database system,
- Developing skills with GraphQL query management and single end-point API services,
- Developing skills with Test driven development TDD of codes for well implement of unit test, code, and refactor with Jest,
- Interested with Progressive web applications PWA,
- Well experienced in Third-Party web Content management systems CMSs specially In JOOMLA 5.0 and WORDPRESS 5.6 (Current assignment),
- Developing skill with version control using GitHub, GitLab and Heroku,
- Playground skills on Insomnia, Postman and Graphql.

## TECHNICAL/COMPUTER SKILLS

| | |
|---|---|
| **Languages:** | ES6 JavaScript, HTML/CSS, CSS3, HTML5, JSON, SQL, NOSQL |
| **Libraries:** | Sequelize, Mongoose, Jest, Bootstrap, Tailwind, Inquirer |
| **Server API:** | Node JS, Express JS and Apollo Server |
| **Database:** | MySQL 5.7, MongoDB, Access |
| **Third-Party CMS:** | Joomla 5.0 and WordPress 5.6 |
| **Version Controls and playgrounds** | GitHub, GitLab, Heroku, Insomnia, Postman, Graphql |
| **Operating Systems:** | Macs, Windows, and Linux (Ubuntu), |
| **Office/desktop Application:** | MS Word, Excel, Power Point, Access |
| **Video Editing:** | Movavi Video editing Skill with V.15 |
| **Engineering:** | Eagle Point 2010, SAP 2011, AutoCAD 2019, MS- Project Scheduling Software 2007, 2013 up to 2019 |
| **Learning Language (on-Training):** | AWS, Java, C# and Python for JavaScript developers |

## SAMPLE PROJECTS

**DiscoverUp** - *Live Demo* | *GitHub Repo* |*CORS Demo Server*

        ***A Third-Party web API app*** - A local event dashboard to search for cool upcoming events and restaurant near your area.

**FurFoodz** - *Live Demo* | *GitHub Repo*

**MVC Back-End web app with RESTful API**- To allow users to upload, and view, other users recipes they have created and uploaded with RESTful API data request and response model performing the four known data serving called CRUD operation.

**FMarket** - *Live Demo* | *GitHub Repo*

**Full-stack web app** - A Virtual farmers market to promote farmers with produce to own a stall and sell online and promote the small business group in accessing the users of the product available by them.

**Deep thoughts** - *Live Demo* | *GitHub Repo*

**Full-stack MERN web app** - A Social network dashboard to share personal ideas on anything with users and have friends to vast the social network.

**Shop-Shop** -*Live Demo* | *GitHub Repo*

**Full-stack MERN web app** with e-commerce plat form that has concepts and technologies while also building on concepts of MERN application.

**Book-Search** - *Live Demo* | *GitHub Repo*

**Full-stack MERN web app** - One end point API using graphQL query management language which help users to search books and save in their profile. Books are fetched from an open-source API – "Google books." The app enables to user to create their own account, read books, save book, or delete.

**The Tech Blog** - *Live Demo* | *GitHub Repo*

**A server-side web app** - A CMS-style blog site like a WordPress site, where developers can publish their blog posts and comment on other developers' posts as well. The app follows the MVC paradigm in its architectural structure, using Handlebars.js as the templating language, Sequelize as the ORM, and the express session NPM package for authentication.

**Note-Taking-WebApp** - *Live Demo* | *GitHub Repo*

**A server-side web app** - An Express database that stores notes to client side for usage and enables to retrieve and track schedules with enable to delete notes or edit them

## BACKGROUND

*Total 7 years of project experience and,*

- Well experienced on construction and design of medium span highway bridges,
- Well experienced in management, supervision, contract administration, tendering, evaluating, scheduling, reading, and preparing detailed drawings, and preparing bill of quantities up to mega projects specially Road construction projects,
- Handled and well experienced with,
  - road and bridge designs,
  - road and bridge constructions,
  - residential and mixed-use multi- storey building constructions,
  - engineering software applications like Auto-Cad., inroad, Eagle point, Ms. Excel, and SAP,
- Have given training (as an instructor) on,
  - Microsoft project scheduling 2007 and 2013 to different organizations,
  - Contract administration and Construction supervision skills to different organizations,
- Business minded and excellent in Organizing teams,
- Gained skills for diplomacy works and IT Professionalism,
- Excellent in managing and problem-solving skills,
- Adept in technical writing and good in verbal communication,
- Self-motivated, highly ambitious and fast learner,
- Worked efficiently in fast-paced environment, ability to do multi-tasks, meet deadlines and adopt easily with changes, able to work independently, and interested in further learning.

## *SUMMARY OF WORK HISTORY*

### Non - Engineering Careers

**IT support Engineer & Social Works Secretary to the Ambassador of Bangladesh to Canada**: *Active Now*

*High Commission of Bangladesh to Canada, Sparks Street, Ottawa, ON, Canada*

**Consular Assistant**: *Nov 2017 - Aug 2019*

*High Commission of Bangladesh to Canada, Sparks Street, Ottawa, ON, Canada*

**Store Clerk and Manager**: *Mar 2016 - oct 2017*

*Quickie convenient store, Gilmour Street, Ottawa, ON, Canada*

### Engineering Careers

**Project Manager**: *Mar 2013 - Sept 2015*

*Oromia water Works Design & Supervision Enterprise, Addis Ababa, Ethiopia (OWWDSE)*

**Supervision Team Leader**: *Nov 2011- Feb 2013*

*Oromia water Works Design & Supervision Enterprise, Addis Ababa, Ethiopia (OWWDSE)*

**Resident Engineer**: *April 2009 - Oct 2011*

*Oromia water Works Design & Supervision Enterprise, Addis Ababa, Ethiopia (OWWDSE)*

**Field Inspector**: *Feb 2009 - Mar 2009*

*Oromia water Works Design & Supervision Enterprise, Addis Ababa, Ethiopia (OWWDSE)*

**Design Office Engineer**: *Sept 2008 - Jan 2009*

*Sunshine Construction, Addis Ababa, Ethiopia*


## *PUBLIC CORPORATION & CHARITY FREE SERVICE (VOLUNTEERING WORK)*

**Chief Finance & Accounts and Board Member**: *Jan 2017 - Present*

*ÉGLISE ORTHODOXE ÉTHIOPIENNE DEBRE ZIHON ST MARY INC./ DEBRE ZIHON ST MARY ETHIOPIAN ORTHODOX CHURCH INC.*
*114 Rue Jean-René-Monette Gatineau, QC, J8P 5B7 Canada*


## *EDUCATION AND TRAINING /WORKSHOPS ATTENDED*

### Certificate, Full Stack Web Developer
*2021*
*Carleton University, Ottawa, Canada*

### Certificate, Literature and English Language
*2016*
*Algonquin College of Applied Arts and Technology, Ottawa, Canada*

### Equivalency Canadian Bachelor's Degree recognition in Civil Engineering
*2016*
*World Education Services, WES*

### Bachelor of Science Degree (Civil Engineering)
*2008*
*Jimma University, Ethiopia*

### Certificate in Project Planning Implementation, Monitoring & Evaluation
*2015*
*Ethiopian Management Institute, Addis Ababa, Ethiopia*

### Certificate in Microsoft-Project Scheduling Application
*2011*
*OWWDSE, Addis Ababa, Ethiopia*

### Certificate in Contract Administration & Construction Supervision
*2014*
*OWWDSE, Addis Ababa, Ethiopia*

### Certificate from Quickie Convenient Store
*2015*
*Gilmore Street, Ottawa, Canada*

### Certificate in Employment engagement skill development
*2015*
*YMCA, Argyle Street, Ottawa, Canada*