WONDMAGEGN CHOSHA

FULL STACK WEB DEVELOPER
wabaham9@email.com | GitHub | LinkedIn | Twitter | Portfolio

SUMMARY

A skilled full-stack web developer specializing in JavaScript, React, Ruby, Ruby on Rails and Flask. Accomplishments include:

- Smart TV Show Spotter — a captivating API based app that brings TV shows to life.
- Smart Math Magician —a web calculator that brings a touch of enchantment to your mathematical journey.
- Secure barcode - Secure Barcode is a mobile and desktop application duo that ensures paper based document integrity with the aid of QR codes and encryption technology.
- Gebet'a - is a visually stunning Mankala board game, featuring various levels of difficulty, diverse game types, and the option to play against friends or challenging AI opponents.

SKILLS

Front-End: JavaScript, React, Redux, jQuery, HTML5, CSS3, C, C#, Python3
Back-End: Flask, MySQL, MS SQL, SQLite
Tools & Methods: Git, GitHub, Mobile/Responsive Development, TDD, Chrome Dev Tools, DevOps, Unity Game Engine, Blender, Adobe Photoshop, Adobe Premiere, Adobe Indesign.
Professional: Remote Pair-Programming, Teamwork, Mentoring

EXPERIENCE

HIGHLIGHTED PERSONAL PROJECTS   Remote
Full Stack Web Developer   March, 2014 – Present

Smart TV Show Spotter — a captivating API based app that brings TV shows to life. Explore a vast collection of shows through visually stunning cards, each featuring the show's names, an enticing image, likes and comments given by users.
- Built with: (HTML/CSS/JavaScript/Webpack)

Smart Leaderboard — An API based game score tracking web app, the perfect tool for tracking your gaming progress and dominating the competition.
- Built with: (HTML/CSS/JavaScript/Webpack)

DEF-CON Conference — An event portal for DEF-CON annual conference. It is a gathering place for cyber security enthusiasts.
- Built with: (HTML/CSS/JavaScript)

Smart Math Magician —a web calculator that brings a touch of enchantment to your mathematical journey. Equipped with the power of React, this single-page application seamlessly melds the art of computation with the wonder of technology.
- Built with: (HTML/CSS/JavaScript/React)

Secure barcode - Secure Barcode is a mobile and desktop application duo that ensures paper based document integrity with the aid of QR codes and encryption technology. This application opened a new revenue stream of hundreds of thousands of USD at my former company.
- Built with: (C#/Java/JavaFX/Scene Builder)

Gebet'a - is a visually stunning Mankala board game developed using Unity and C#. Featuring various levels of difficulty, diverse game types, and the option to play against friends or challenging AI opponents, it offers an immersive and captivating experience.
- Built with: (C#/Unity Game Engine/Blender)

BERHANENA SELAM PRINTING ENTERPRISE   Addis Ababa, Ethiopia
Senior System Administrator   Sep. 2016– Now
- I developed more than 5 desktop applications used to sign documents digitally before printing.
- I developed more than 5 android applications used to verify paper documents signed digitally.
- I developed a database system that stores confidential company documents in central server using c# and MS

SQL.
- I developed a bulk date converter that accepts a list or dates from a file and converts them into local calendar date or to gregorian calendar date depending on the input.

ETHIOPIAN CIVIL SERVICE UNIVERSITY   Addis Ababa, Ethiopia
Junior Application Developer   Mar. 2014 – Sep. 2016
- As part of a team I developed Drupal CMS based e-learning platforms.
- As part of a team I developed a Drupal based intranet system.
- I installed, configured and maintained linux servers (DevOps).
- I deployed and configured automated backups (DevOps).
- I trained Masters students on how to use the e-learning systems we developed.

EDUCATION

ALX   Jun. 2022 – Oct. 2023
Remote Software Engineering Program, Full Time
- Spent 2,080+ hours mastering algorithms, data structures, programming languages and DBMSs (C, Python3, JavaScript, MySQL, Mongom) and DevOps on live servers such as linux server administration, application deployment, load balancing and backup automation.
- Developed skills in remote software development using GitHub by developing real world projects.
- Developed a AirBnB clone and a market analysis system using HTML/CSS/JavaScript and python flask.

MICROVERSE   Jul, 2023 – Now
Remote Full Stack Web Development Program, Full Time
- Spent 1300+ hours mastering algorithms, data structures, and full-stack development while simultaneously developing projects with Ruby, Rails, JavaScript, React, and Redux.
- Developed skills in remote pair-programming using GitHub, industry-standard gitflow, and daily standups to communicate and collaborate with international remote developers.
- Developed more than 10 web apps using HTML/CSS, Vanilla JavaScript, Webpack. React Ruby and Ruby on Rails.

ADDIS ABABA UNIVERSITY   Oct. 2017 – Jan, 2020
Masters in Computer Science (Software Engineering stream)
- Project management, Distributed Systems, Distributed Database, Software Testing, Natural Language Processing, Ubiquitous Systems, System Design
- Optional: Awards and honors.