# RABUMA ABRAHAM

## FULL-STACK DEVELOPER

## CONTACT

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Zurich, Switzerland

🌐 Website | LinkedIn | GitHub

Born: 03.10.2006

Nationality: Ethiopian

## EDUCATION

**JOHNS HOPKINS UNIVERSITY**
**DEC 2024 - PRESENT**

- HTML, CSS, and JavaScript for Web Developers

**IBM | COURSERA**
**DEC 2024 - PRESENT**

- Full Stack Software Development

**META | COURSERA**
**DEC 2024 - PRESENT**

- Programming with JavaScript

**FREE CODE CAMP**
**AUG 2024 - OCT 2024**

- Responsive Web Design
- JavaScript Algorithms and Data Structures

**UNIVERSITY OF HELSINKI**
**OCT 2024 - OCT 2024**

- Elements of AI

## PROFILE

I'm a full-stack developer with a passion for creating responsive, user-friendly web applications. I have strong experience with JavaScript and frameworks like React, Angular, and Vue.js, as well as a focus on building dynamic, engaging user experiences. Through various internships as a web developer, software developer, and Python developer, I've gained hands-on experience building practical, scalable solutions. I thrive in collaborative environments where I can learn, adapt, and contribute to innovative projects.

## TECHNICAL SKILLS

**Frontend Development**

- **Languages:** JavaScript (Advanced), HTML5, CSS3
- **Frameworks & Libraries:** React, Angular, Vue.js, jQuery
- **Key Concepts:** DOM Manipulation, Object-Oriented Programming (OOP), Functional Programming, API Integration
- **Responsive Design:** Flexbox, CSS Grid, and Media Queries.

**Backend Development**

- **Languages & Technologies:** Python, Node.js, MongoDB
- **Data Management:** Experience with CRUD operations, file handling, and managing data.
- **Algorithm Design:** Strong problem-solving skills, proficient in designing efficient algorithms.

**Version Control**

- Proficient in Git and GitHub.

## PRACTICAL EXPERIENCE

**Software Developer**      12/2024 - PRESENT
**Prodigy InfoTech | Internship**
**Mumbai, India | Remote**

- Designed a Sudoku Solver using backtracking algorithms to solve puzzles automatically.
- Created a Guessing Game with user feedback and attempt tracking.
- Built a Contact Management System with CRUD functionality.
- Developed a Temperature Conversion Program to convert between Celsius, Fahrenheit, and Kelvin. based on user input.

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## EDUCATION

**FUTURE CODERS**
**JUL 2024 & OCT 2024**

- Website Development
- Video Game Designing

**W3SCHOOLS**
**2021 - 2023**

- JavaScript
- Python
- C++
- HTML
- CSS

## CERTIFICATES

**COURSE**

- JavaScript Algorithms and Data Structures
- Responsive Web Design
- Video Game Designing
- Elements of AI

**RECOMMENDATION**

- Anna Altin
- Richard Schweizer

## LANGUAGES

- English (Fluent)
- German (Basics)
- Amharic (Native)
- Oromo (Native)

## HOBBIES

- Drawing
  (I enjoy sketching in my free time)
- Football
  (Taught me the value of teamwork)

## PRACTICAL EXPERIENCE

**Python Developer**                            11/2024 - 12/2024
**CodSoft | Internship**
**Kolkata, India | Remote**

- Created a Password Generator that generates secure, random passwords with customizable length and complexity options.
- Developed a To-Do List Application to help users manage and organize tasks with features for creating, updating, and tracking.
- Built a Calculator app to perform basic arithmetic operations, allowing users to input numbers and select operations for calculations.

**Web Developer and Designer**                  11/2024 - 12/2024
**Oasis Infobyte | Internship**
**New Delhi, India | Remote**

- Implemented a secure Login Authentication System.
- Created a Tribute Page with a visually appealing layout.
- Built a To-Do App with task management, status tracking, and editing.
- Developed a Calculator for basic arithmetic operations.

## PROJECTS

**Movie Recommendation App | click here**
**Founder & Co Developer | GitHub**

- I originated the idea and co-developed the project with a collaborator.
- Developed key features, including Popular Movies, Genre-Based Recommendations, and the app's core functionality.
- **Technologies used:** HTML, CSS, JavaScript, TMDB API.

**Full Stack Realtime Chat App | click here**
**Co Developer | GitHub**

- I worked as a co-developer on this full-stack real-time chat app, enabling real-time communication for users, and contributed to both the frontend and backend development.

**Teaching Tool | click here**
**Benedict School | Zurich, Switzerland**

- Built a Quiz Generator on request, allowing teachers to create and display multiple-choice quizzes in classrooms with real-time feedback.