Mikhail Wahib

Software Developer

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GitHub | Portfolio | LinkedIn
Cairo, Egypt

OBJECTIVE

Enthusiastic software developer eager to learn and grow within a dynamic team. Committed to expanding my full-stack skills, embracing new technologies, and delivering innovative solutions.

TECHNICAL SKILLS

Languages: C++, Python, JavaScript, TypeScript, Ruby, HTML, CSS, SQL.

Frameworks, Libraries: React.js, Next.js, Vue.js, TailwindCSS, Bootstrap, jQuery, Node.js, Express.js, Ruby on Rails, Flask.

Databases: PostgreSQL, MongoDB, Redis.

Platforms & Tools: Git & GitHub, NPM, Postman, Figma.

Concepts: Data Structures, Algorithms, Object-oriented Programming, Problem Solving, Web Scraping, Web Automation.

PROJECTS

Movibes | Github | Live Demo
A Movies/Tv shows website | React, Nextjs, TypeScript, PostgreSQL.

- Implemented user authentication using JWT and PostgreSQL database that has users data.
- Created a robust search functionality for easy discovery of movies and TV shows.

Fullstack URL Shortener | Github (Frontend) | Github (Backend) | Live Demo
Vuejs, Nodejs, Expressjs, TypeScript, PostgreSQL.

- Implemented user registration/authentication, URL shortening, and database interactions.
- Introduced a user-friendly feature allowing users to track links visits count, enhancing user engagement.
- Utilized Jest for comprehensive unit testing on the backend, ensuring code reliability.

Football Fixtures API | Github
Python, Flask, Redis, bs4.

- Developed a dynamic Football Fixtures API by leveraging web scraping techniques to extract data from BBC Sports websites, providing up-to-date information on past and future matches.
- Implemented Redis caching mechanisms to optimize performance and reduce latency, ensuring swift retrieval of both historical and upcoming fixture data.
- Demonstrated proficiency in integrating multiple technologies, including web scraping and caching solutions, to deliver a reliable and efficient API for accessing football fixtures data.

Vending Machine API | [Github](#)
Nodejs, Expressjs, TypeScript, Prisma ORM, Sqlite3, Jest.

- Developed a robust RESTful API for a vending machine system, incorporating CRUD operations for users (sellers and buyers) and product management.
- Implemented secure authentication and authorization mechanisms to ensure data privacy and access control.
- Utilized Jest for comprehensive testing coverage, ensuring the reliability and stability of the API.

Fullstack Tasks Management Website | [Github](#) | [Live Demo](#)
Ruby on Rails.

- Developed a fullstack task management web application using Ruby on Rails, featuring CRUD functionality for tasks and user authentication.
- Integrated robust user authentication and authorization mechanisms, allowing users to securely register, login, and manage their tasks.

URL Shortener CLI Tool | [Github](#)
Python.

- A CLI Tool that uses the [URL Shortener API](#), built with Python.

OPEN-SOURCE CONTRIBUTIONS

FreeCodeCamp.org:

- Modified website's content | [PR](#)
- Fixed a spelling error on the website. | [PR](#)

EDUCATION

Bachelor in German Linguistics	October 2022 – July 2026
Ain Shams University, Faculty of Al-Alsun (Languages)	Cairo, Egypt

Professional Frontend Web Development	July 2022 – September 2022
Udacity, Egypt FWD	
[Certificate](#)	

LANGUAGES

- **Arabic** – Native
- **English** – Upper Intermediate (B2)
- **German** – Elementary (A2)