

ZAHİ AHMED

Full-Stack Software Engineer

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github.com/ZahiAhmed | linkedin.com/in/zahiahmed | zahiahmed.github.io/Portfolio

Expertise in Rails, React, CSS, SQL, and MongoDB. Strong problem-solving abilities and a keen eye for detail. Experience in developing interactive web applications, integrating user authentication, and optimizing performance. Passionate about delivering high-quality code and enhancing user experiences. Experienced in managing team projects. Looking for an entry level Full-Stack Engineer role.

SKILLS React.js, Redux, Ruby, Ruby on Rails, JavaScript, HTML, CSS, SCSS, SQL, PSQL, MongoDB, Express.js, Node.js, Java, C++, Lisp, Git, Python, Webpack, RSpec, Websockets, Eclipse, MySQL

EDUCATION

Web Development - App Academy

March 2023

- Rigorous 1000-hour software development course with less than 3% acceptance rate.

BA in Computer Science - City University of New York, Queens College

January 2021

PROJECTS

Chaos (Rails, ReactJS/Redux, PostgreSQL, CSS)

<https://github.com/ZahiAhmed/Chaos>

A full-stack clone of Discord, allows users to connect with each other via clubs.

- Integrated user authentication, leveraging CSRF protection and session tokens for error handling and enhanced security.
- Effectively managed admin and non-admin privileges for clubs, ensuring smooth user experience and optimal functionality.
- Developed an interactive saved chat feature between users in a given club using Action Cable as a WebSocket framework.
- Designed a friend request feature, allowing users to search for other users and send or accept/reject friend requests.

Tacticspedia (JavaScript, HTML, Sass, ChartJS)

<https://github.com/ZahiAhmed/Tacticspedia>

A single page interactive encyclopedia application for Riot Games' AutoBattler game, Teamfight Tactics.

- Implemented search bars in VanillaJS to enable seamless filtering of various data types, enhancing user experience.
- Utilized Chart.js library to dynamically render graphs, ensuring clean and precise data visualization.
- Created collapsible and expandable tabs on page using SCSS, enhancing the user interface with a clean and intuitive design.
- Processed and parsed API responses from external APIs using Fetch API to extract relevant data to display and manipulate.

The Box (MongoDB/Mongoose, Express, React.js/Redux, Node)

<https://github.com/junjiequ1459/TheBox>

A MERN stack team project to connect users in lobbies to interact with each other and play games.

- Created user lobbies utilizing socket.io to manipulate websockets as backend lead with lobby hosts.
- Implemented user profiles using Express which includes a match history plus their overall win percentage.
- Operated as the team's GitHub manager and administered a combined total of ~100 pull requests and merge conflicts.
- Integrated user authentication with JSON Web Tokens to implement user encryption.

EXPERIENCE

Website and Social Media Organizer

Prospect International

January 2022 - December 2022

- Managed company Instagram for consistent and timely posting of relevant upcoming events.
- Created visual content, including photos and videos, that aligned with brand guidelines and resonated with followers.
- Conducted regular website audits to identify areas for improvement and optimize user experience.

Club Leader and Founder

Queens College - Secretary of Smash Club (video game)

January 2018 - December 2018

- Organized weekly events in a variety of Super Smash video games consisting of meetups or tournaments.
- Managed and created club Discord server for off-campus discussions online.