

MUSTAFA BINALHAG

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QUALIFICATIONS

Languages: Ruby, Python, JavaScript

Backend: Rails, Django, Flask, Express, MongoDB, PostgreSQL

Frontend: ReactJS, Redux, SASS, Responsive Design

Version Control / Tools: Git, Github, Heroku, Netlify, Vercel, Postman, Amazon S3, MetaMask

EXPERIENCE

Flatiron School, New York, NY

Aug 2022 - Present

Software Engineering Coach

- Supported students through 1:1 check-ins, paired programming, answering questions, and leveraging other methods of academic support and intervention in conjunction with my team to provide quality education to 100+ students.
- Held live lectures on API development / Authentication and responsive design with React and SASS, which significantly increased overall CSAT scores by 30%.

DAS Incentives LLC, Remote Cash4watches.com

Aug 2022 - Present

Freelance Software engineer

- Developed a full stack app to solve scalability problems and improve user data allocation
- Utilized Amazon web services to handle admin and user interactions through document exchange and automated mailing system to notify users on their respective case updates.
- Automated the creation of shipping labels improving customer case resolutions by multiple business days

General Assembly, New York, NY

May 2022 - Aug 2022

Teacher Assistant

- Collaborated with the instructional team to lead a Software Engineering Immersive class of 14, to build full-stack applications, doubled down on the material covered in the course.

TECHNICAL PROJECTS

Mozam [Demo Video](#) | [Github](#)

- 24 hr hackathon project where my team and I built a Rare Fish marketplace where users can contact sellers to purchase listings using our cryptocurrency (MOZ) on the Goerli test network.
- Built on top of Super Tokens, my custom user authentication solution and integrated new technologies like MetaMask to perform transactions on the Ethereum blockchain and provide receipts on purchases.
- Integrated Websockets for real-time chat and Twilio to send SMS verification codes.

Super Tokens [Github](#)

- Custom version of token authentication built with Ruby on the Rails framework.
- The user's device and IP are integrated within each token to prevent malicious or unauthorized accounts from performing actions they don't have the necessary permission levels.
- Token lifespan is fully customizable and can auto-refresh based on usage.

Hater [Github](#) | [Deployed](#) | [Demo Video](#)

- Social media app built with Python on the Django framework and ReactJS on a PostgreSQL database in which users can create posts and interact with other users via likes and comments.

Cosmos [Github](#) | [Deployed](#) | [Demo Video](#)

- A creative e-commerce site built on ReactJS utilizing MongoDB a non-relational database and Json Web Tokens to authenticate requests.

EDUCATION

General Assembly, New York, NY

Feb 2022 - May 2022

Certificate in Software Engineering

- 12-Week immersive software engineering program based in New York City centered on full-stack development.