

MUSTAFA BINALHAG

mustafa@binalhag.dev

github.com/mustafabin | binalhag.dev | linkedin.com/in/mustafabinalhag

QUALIFICATIONS

- Strong knowledge of Ruby, Python, and JavaScript programming languages.
- Experience with Rails, Django, Flask, Express, MongoDB, and PostgreSQL.
- Proficient in ReactJS, Redux, SASS, and responsive design for frontend development.
- Familiar with Git, Github, Heroku, Netlify, Vercel, Postman, Amazon S3, and MetaMask.

EXPERIENCE

Flatiron School, New York, NY

Aug 2022 - Present

Software Engineering Coach

- Provide 1:1 support and guidance to students, including check-ins, paired programming, and answering questions to ensure their success in the program.
- Led training sessions for the Amazon Career Choice program, teaching 270 Amazon employees from 38 fulfillment centers how to become Software Engineers.
- Delivered live lectures on API development, authentication, and responsive design using React to classes of up to 15 students.

DAS Incentives LLC, Remote Cash4watches.com

Aug 2022 - Oct 2022

Freelance Software engineer

- Created a full-stack application to improve scalability and user data allocation.
- Utilized Amazon Web Services to handle admin and user interactions through document exchange and implemented an automated mailing system to notify users of case updates.
- Automated the creation of shipping labels, resulting in a significant reduction in customer case resolution time.

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 students in building full-stack applications and reinforcing course material.

TECHNICAL PROJECTS

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

- Developed as a 24-hour hackathon project, Mozam is a marketplace for rare fish where users can contact sellers to purchase listings using a custom cryptocurrency (MOZ) on the Goerli test network.
- Implemented Super Tokens for user authentication and integrated MetaMask for secure transactions on the Ethereum blockchain.
- Utilized Websockets for real-time chat functionality and integrated Twilio to send SMS verification codes.

Super Tokens [Github](#)

- Developed a custom version of token authentication built with Ruby on the Rails framework.
- Implemented device and IP integration within each token to prevent malicious or unauthorized access.
- Customizable token lifespan and automatic token 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.