

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, Postman, Amazon S3

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](https://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 update 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, debugged their code, and doubled down on the material covered in the course.
- I managed a team of 14 students on their capstone project by assigning concise deliverables to meet deadlines while assisting the team's overall health with supplemental code reviews.

TECHNICAL PROJECTS

Super Tokens [Github](#)

- Custom version of token authentication built on Ruby on Rails framework, where minted tokens can be limited per user and invalidated at any time.
- 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 to auto-refresh or update at any time.

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

- Social media app built with Django and ReactJS on a PostgreSQL database in which users can create/comment on each other's posts. Built robust RESTful API routes with token authentication.

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

- A creative e-commerce site built on ReactJS utilizing a NoSQL database MongoDB 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.