

# MUSTAFA BINALHAG

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## QUALIFICATIONS

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**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

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**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

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**Super Tokens** [Github](#)

- Custom version of token authentication built with Ruby on the 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 and can auto-refresh based on usage.

**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

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**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.