MUSTAFA BINALHAG

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QUALIFICATIONS

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

EXPERIENCE

SAMA DEPARTMENT, Queens, NY sama.nyc   Dec 2023 - Present
Software Engineer
- Developed a custom POS software solution operational across IOS, Android, and Windows platforms, tailored to high-volume retail environments.
- Engineered a comprehensive inventory management and bookkeeping system capable of handling over 220,000 products and sustaining upwards of 25,000 daily transactions.
- Enhanced operational efficiency by auto-scraping featured stock product images and descriptions, which streamlined product entry processes and reduced time to operational readiness by three months, significantly ahead of schedule.

Flatiron School, New York, NY   Aug 2022 - Dec 2023
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 software engineer hard skills to 270 Amazon employees from 38 fulfillment centers.
- Delivered live lectures on API development, authentication, and responsive design using React to classes of up to 15 students.

DAS Incentives LLC, Brooklyn, NY   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 end users can purchase listings using our custom cryptocurrency (MOZ) on the Goerli test network.
- Integrated MetaMask for secure transactions on the Ethereum blockchain, WebSockets for real-time chat functionality, and Twilio/SMTP servers to send SMS/Email verification codes.

Super Tokens Github
- Developed a robust authentication solution built on the Ruby on the Rails framework.
- Implemented device and IP integration to prevent malicious or unauthorized access.

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.