MORGAN LYLE

Software Engineer | Miami, Florida (Open to Remote) | (407) 615 9619 | morganlylee@gmail.com
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TECHNICAL SKILLS

Programming Languages | Python 3, JavaScript ES6+, SQL, HTML5, CSS
Front End | React, HTML5, CSS3, Bootstrap, Websockets, DOM Manipulation
Back End | Django, PostgresSQL, MongoDB, Docker, RESTful API, RabbitMQ, Apache Kafka
System Design | Monoliths, Microservices, Domain-Driven Design, Message Passing, Event Sourcing, Distributed Queues

SOFTWARE ENGINEERING APPLICATIONS

Full Stack Software Engineer | Impulse | *Gitlab Repo Link*   2022
Built a clothing plus items subscription box site with API and JWT user authentication
- Implemented an authentication server to verify credentials and issue a JWT token using a private key
- Optimized front end with React and JavaScript, resulting in enhanced flexibility
- Utilized Docker to run Impulse seamlessly on multiple operating systems
- Employed microservices for early and quick deployment against tight deadlines

Full Stack Software Engineer | Online Car Lot | *Gitlab Repo Link*   2022
Created API backend and React frontend for an E-commerce site
- Created a car dealership web application using Django, React, JSON and BootStrap
- Used a poller to receive value objects from accompanying microservice within the project
- Designed an efficient and flexible front end using React JS with a combination of class components and hooks
- Utilized Insomnia for RESTful API to quickly and easily create, list, update and delete data

Full Stack Software Engineer | Conference Creator | *Gitlab Repo Link*   2022
A full stack web app for sharpening your software skills within a social environment
- Converted a monolith application into three microservices, improving horizontal scalability by 75%
- Utilized RabbitMQ to implement a common messaging platform
- Implemented user authentication for quality and safety measures ensuring user integrity
- Designed backend using Django and REST API and deployed it within seven Docker containers

EXPERIENCE

NMLS Licensed Loan Processor | Amerifirst Home Mortgage   2019-2021
- Ensured adherence to operational policies, procedures, and laws via NMSL guidelines
- Gathered and analyzed financial data to quickly close on the home for the borrower
- Optimized business application workflow, resulting in a 50% increase in successful loan applications

Restaurant Manager | Chez Vincent   2018-2019
- Assisted with creating schedules for employees, ordering inventory, and stocking items
- Orchestrated social functions including private parties, business meetings, and formal occasions
- Provided restaurant guests with friendly and professional service, and a well-maintained environment

EDUCATION

Hack Reactor | Certificate in Advanced Software Engineering   2022
- *19-week immersive program with 1000+ hours of coding. Full-Stack development with JavaScript, Python, Django, React, Redux, PostgreSQL, MongoDB, and MySQL in an agile environment.*

University of Central Florida | Bachelor of Science in Human Communications   2019