Lance Rogers

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TECHNICAL SKILLS

Languages: Golang, Python, SQL, Solidity, Vyper, Javascript
Frameworks: Django, Gin-Gonic, Node.js
Developer Tools: Git, Docker, GCP, AWS, Neovim, IntelliJ, Truffle Suite, Jupyter, Ipython
Libraries: go-ethereum, web3.js, ethers, web3.py, Pandas
Technologies: Kubernetes, Kafka, gRPC, Ethereum, Bitcoin, Polygon, Ark
Databases: Cockroachdb, Postgres, mySQL, Oracle, MongoDB, Redis
Areas of focus: Backend Development, Blockchian, Data Analysis

EXPERIENCE

Software Engineer, Blockchain (Golang, Solidity)
April 2022 – April 2023
Mythical Games — *Remote*

- Played a key role in developing and launching the Mythos chain and saga gaming SDK in December 2022
- Contributed to the successful Dmarket chain migration and launch of Mythical's NFL Rivals game onto Mythos chain
- Helped to debug issues with our blockchain clients and migrate from polygon edge to hyperledger besu
- Developed and maintained solidity smart contracts and Golang microservices for EVM chain interaction
- Delivered features end-to-end across smart contracts and many Golang and Kotlin microservices, including development, testing and maintenance

Freelance Software Engineer/Trader (Python, Node.js, Solidity)
Jan 2021 – April 2022
Blockhead Consulting — *Remote*

- Led the development of several NFT projects, including smart contracts, art generation and web3 integrated websites
- Provided growth hacking strategies and advice which resulted in a NFT project generating over $100k in revenue in just over 2 hours
- Analyzed market trends and data to leverage DeFi opportunities and strategic cryptocurrency trading delivering an average monthly return exceeding 20%
- Built a project in python/django for the 2022 ETHDenver hackathon, which won over $10k in prizes

Python Developer (Python)
Feb 2020 – Feb 2021
Shutterfly (Contract) — *Charlotte Metro*

- Participated in the development and maintenance of Shutterfly's Python-based order workflow engine

Senior Software Engineer (Python, Node.js, Golang)
June 2019 – Jan 2020
Dragonchain — *Charlotte Metro*

- As part of the Dragonchain apps team, I developed applications that highlighted the capabilities and adaptability of the Dragonchain platform, leveraging its microservice based smart contracts written in Python and Node.js
- Lead the development of Dragonscale, a decentralized hackathon platform
- Used Truffle suite to build a Vyper Ethereum smart contract which allows DRGN token holders to devote the TIME they've acquired by holding their tokens as a form of weighted voting. This contract was used by several other Dragonchain smart contracts and Microservices as part of Dragonscale

Python Developer (Python, SQL)
Nov 2018 – June 2019
PNC Bank (Contract) — *Charlotte*

- Served as a Python Code Auditor, meticulously inspecting project code for completeness, accuracy and potential security vulnerabilities across numerous banking projects.
- Utilized Python, Pandas, Pyspark, and SQL to generate independent code based on business requirements, aiding in the discovery of documentation gaps and rigorously testing the completeness and correctness of project code

Technical Co-Founder (Node.js, Python)
Feb 2018 – July 2019
Swapblocks — *Remote*

- Designed an efficient system for managing high value regulatory transactions, such as repurchase agreements which reduced cost and provided a perfect audit trail reducing the headcount needed to stay in compliance with Dodd Frank

- Launched a DPOS blockchain network using Node.js with 51 delegate nodes, which included 2 company managed nodes and 49 community managed nodes
- Managed a Discord community of over 2000 active and 8000 total members, fostering engagement and volunteer technical contributions in exchange for SBX tokens
- Developed and managed supporting company websites and tools written in python(django), shell script and Node.js

Python Developer (Python, Golang)   Feb 2018 – July 2018
Xenial, a Heartland Commerce company (Contract)   *Charlotte*

- Improved the efficiency of a critical cloud-based ETL system, handling daily data syncs and full data migrations for major fast-food chains like Taco Bell, Bojangles, and Whataburger, between a legacy SQL-based system and a MongoDB-based system
- Reduced the runtime of the ETL process from over two minutes to 14 seconds
- Reduced AWS resource usage, lowering monthly cost by $40k
- Built a golang analytics API to measure process performance

Data Consultant (Python, SQL)   Jan 2017 – Feb 2018
Bank of America (Contract)   *Charlotte*

- Created and maintained SQL data quality rules which monitored databases for anomalies
- Engineered Python-based tools to automate data reporting workflows, notably transforming a task that took 2 months into a mere 30-second process

Software Support Engineer (SQL)   Oct 2015 – Sept 2016
SSI (Schaefer Systems International)   *Anderson SC*

- Provided technical support for a proprietary warehouse management software written in PL/SQL
- Leveraged machine learning for pattern recognition, boosting troubleshooting efficiency by 90%
- Optimized system maintenance scheduling using error data analysis, effectively maximizing warehouse uptime

ORGANIZATIONS

Charlotte Blockheads   Sept 2017 – Mar 2020

- Co-organized and facilitated the most active cryptocurrency meetup in Charlotte, NC, hosting weekly sessions that provided attendees with in-depth knowledge on various cryptocurrency topics and assisting them in achieving their blockchain industry goals
- Engaged with a diverse network of industry professionals, including miners, developers, traders, and companies leveraging blockchain technology to solve unique problems

EDUCATION

The Iron Yard   Greenville, SC
Python Engineering Certificate   *May 2015 – Aug 2015*

Anderson University   Anderson, SC
Biology   *Aug. 2013 – Dec 2015*