

# Randy Quindai

Experienced software engineer with a focus on building engaging & resilient systems

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## Relevant Experience

Manager Engineer • **LaCCAN** Feb 2023 - Present

Senior Engineer May 2019 - Feb 2020

Engineer Jan 2018 - Apr 2019

- Build, style, and ship high-quality websites, design systems, data pipelines, and cross platform digital experiences for a diverse array of clients using technologies such as Python, Delta Lake, ELK Stack, Spark, Docker, GitHub CI/CD, Django, and more
- Lead the development and architecture of technical tools like content management systems, REST APIs, data pipelines and continuous integration pipelines to fulfill business requirement (Gitlab + Docker Swarm + Portainer)
- Work alongside product & project leaders, designers, and other engineers to transform creative concepts into refined digital experiences at an agile (2 week) cadence - Lean Inception
- Provide leadership within engineering department through close collaboration, building tools to improve developer experience, and mentorship
- Spearhead company wide accessibility initiatives such as creating documentation for best practices, establishing a standard accessibility checklist for developers, and facilitating knowledge shares

SRE Engineer • **Atria** July - Dec 2022

- Led incident response team, swiftly identifying root causes during critical system outages, and implementing strategic mitigation plans to minimize downtime and impact on end-users (React Native, Django, Jira Confluence)
- Actively participated in on-call rotations, demonstrating quick decision-making skills during emergencies and effectively escalating issues to ensure swift resolution (PagerDuty, Slack, Jira)
- Revamped and optimized legacy code, meticulously ensuring alignment with HIPAA regulations for enhanced security and compliance (Docker, Portainer, Grafana, Zabbix)

Founder • **Qquant** 2020 - 2022

- Conducted thorough capacity planning analyses to ensure systems could handle growing user demands, implementing optimizations to maximize resource utilization and cost-effectiveness
- Designed and maintained end-to-end data pipelines, microservices, developed robust Extract, Transform, Load (ETL) processes, implemented and optimized solutions using big data technologies such as Apache Spark, AWS EC2, AWS Lambda Functions, S3, Grafana, ELK Stack and more
- Implemented real-time data processing, Apache Kafka to handle streaming data effectively and conducted comprehensive data modeling to support business intelligence
- Built and actively maintained the MVP website. Utilized JavaScript, React Native, Node.js, Python, Django, MongoDB, Postgres (AWS RDS), Redis and deployment tools, AWS Developer Tools and Terraform
- Kept abreast of emerging trends in data engineering, participating in training programs and staying informed about the latest tools and technologies

## Skills

### Programming Languages

Python, R, C++, JavaScript, TypeScript, Java

### Libraries & Frameworks

HTML5, React Native, Next.js, Node.js, Django, Express, Spark, Kafka, ELK Stack, WebSocket, SQL, Redshift, Athena, Grafana, Pandas, Numpy, spaCy, gensim, Pytorch

### Tools & Platforms

Git, GitHub, GitLab, Jira, Vercel, Firebase, Figma, Docker, Redis, duckdb, MongoDB, Postgres, MySQL, RDS, WebPack, Figma, AWS, dbt, Pentaho, MinIO, Terraform, Portainer, Zabbix

## Selected Projects

### Qquant

Web Platform to perform text analysis on medical records. Built a language model to select studies based on written user criteria. Generates a report based on systematic review principles.

### OxeTech Alagoas

Web App designed to democratize access to science, technology, and innovation through freely accessible online courses. Connects companies with freshly trained talents.

### Handwritten Agent

Handwritten Digit Recognizer, meticulously trained on the MNIST dataset and animated by two agents.

## Education

### Universidade Federal de Alagoas

Master of Science in Computer Science

Bachelor of Science in Computer Science

## Interests

Web accessibility, cooking, mangá, build muscles at the gym, science fiction & fantasy novels