David Sharpe

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678-551-2250
Fully Remote OK
Atlanta, GA

Summary

Software engineer with extensive backend experience as well as cloud DevOps skills. Cultural leader with a passion for sharing knowledge. Solution designer with a love of performance and efficiency.

Skills

- Python (Django)
- NoSQL (MongoDB, Redis)
- AWS
- Cloudflare
- Java (Spring)
- Docker
- SQL (PostgreSQL, MySQL)
- Apache Kafka
- Terraform
- CI/CD Pipelines
- Performance optimization
- Monitoring and alerting

Experience

Senior Software Engineer

EarnBetter • Remote
02/2024 - Present

I contribute to our backend development and AI efforts as we build out a dynamic startup product, helping job seekers get more interviews! More details will come after I settle into this role.

Senior Backend Software Engineer

LÜK • Remote
04/2021 - 01/2024

I implemented features in a RESTful backend using Python, Django framework, and PostgreSQL. I created highly performant search engines, using Meilisearch as a derivative datastore. I built asynchronous image ingestion and other asynchronous task pipelines using Celery and Redis. I designed, established, and maintained our cloud infrastructure, having converted an ad-hoc server-based deployment to a scalable and reproducible stack via Terraform and ECS.

Senior Software Engineer/Team Lead

MemberClicks • Atlanta, Georgia
12/2015 - 04/2021

I built and maintained features for multiple products, using event-driven and RESTful microservices. I pioneered highly-parallel, high-throughput software designs using Kafka and Scala. I collaborated with the product team and key customers to design new features. I migrated customers from private cloud hosting provider to AWS. I interviewed candidates for engineering teams and helped develop our technical interview process.

Senior Application Developer

Union Pacific Railroad Corporation • Omaha, Nebraska
06/2014 - 11/2015

I built voice automation applications in Java, handling millions of phone calls per year.

Education

B.Sc. Computer Science

Georgia Institute of Technology • Atlanta, Georgia
05/2014

Highest honor, with threads in "Systems and Architecture" and "Information Internetworks"