Abrahim Gaber

SOFTWARE ENGINEER

SUMMARY

Software Engineer; professionally experienced with big-company software practices and systems including code and design reviews, continuous integration, testing and deployment. Generalist. Full-stack contributor. Experienced in Java Microservices, Distributed Systems, Linux, Python, SQL & NoSQL databases, frontend frameworks and API and backend design. Interested in web services, big data, systems design and finding creative solutions that can make the world a better and more fun place for everyone.

PERSONAL DETAILS

Location

New York, United States

CONTACT

✉ abrahim.gaber@gmail.com

📞 (646) 464-2447

🌐 agaber.dev

in agaber

⬤ agaber

WORK EXPERIENCE

● Senior Software Engineer / TL, Scaled Music Curation

YOUTUBE   2018 - 2023

* Designed scalable systems for managing YouTube's vast corpus of artist and user generated music content which resulted in a 43% improvement in key music metadata metrics.
* Team Lead (TL); defined near + long term objectives and strategies; maintained high system availability; mentorship.
* Hands-on full-stack engineer; Polymer & TypeScript UI; Microservices; REST and RPC APIs; Spanner database design & optimization; Data Analytics and custom Dashboarding; Java Readability reviewer/mentor.

● Senior Software Engineer, CorpEng & Enterprise Legal Apps

GOOGLE   2015 - 2018

* Indexed legal documents and made them available for structured and unstructured search to Google's legal teams.
* Created ETL (extract, transform, load) pipelines using Google Cloud Platform (GCP) and proprietary distributed systems.
* Full stack contributions. AngularJS; AppEngine; BigQuery; Google Cloud SQL; Google Cloud PubSub; Hibernate; JavaScript; Java.

● Software Engineer, Ads

GOOGLE   2008 - 2015

* Designed buy-side products that enabled clients to traffic highly visible ad campaigns efficiently.
* Built big data pipelines by leveraging Google proprietary distributed systems, NoSQL databases, Master Election and async notification systems (pub/sub).

● Software Developer

MEDIDATA SOLUTIONS   2005 - 2008

* Integrated custom functionality into base enterprise web applications that captured and reported on clinical trial data.
* Delivered results using C#, ASP.NET and Microsoft SQL Server.

● Computer Hardware Technician

4G DATA SYSTEMS   2004 - 2005

* Repaired IBM PC compatible computer hardware, servers, laptops, and printers.
* Certified CompTIA A+ and Network+ professional.

EDUCATION

● B.S. Computer Science

CITY UNIVERSITY OF NEW YORK – COLLEGE OF STATEN ISLAND   2004

SKILLS

Java   Python   JavaScript   TypeScript   C#   C++   SQL   HTML / CSS / SASS

Kubernetes   gRPC   Spring Boot   MongoDB   MySQL   Google Cloud Platform (GCP)

Linux   Git   Mercurial   Boostrap   Docker   NodeJS   Distributed Systems

API Design   REST   Frontend Web Development   Backend Systems Design   PubSub

Big Data   SQL and NoSQL Database Systems