ALFREDO VARGAS

Senior Software Engineer

A full-stack engineer with 4+ years of experience in web development, devops, and data engineering. Contributed to building SaaS solutions and working with Big-Data teams. A Latino professional committed to promoting diversity and inclusivity in the tech industry.

Experience

Senior Software Engineer, Associate
Louisa | Goldman Sachs

Oct 2021 - Current

- Led pods of 4+ engineers and communicated with designers, user researches, and product managers to build user-centered features reaching over 40,000+ users
- Steered the Identity and Access Management (IAM) architecture for a cloud service provider to support protocols such as SAML 2.0, OAuth 2.0, and SCIM 2.0
- Served as a code reviewer for over 35+ engineers to maintain code coverage above 95% and improve code delivery by 10%
- Maintained monolith repositories spanning several projects, 10+ libraries and packages, and a custom ui library composed of 50+ components implementing a design system constructed of over 100+ design tokens
- Supported as an incident response engineer to maintain an uptime of over 95% by utilizing tools such as BDLS, Kibana, Grafana/Prometheus, Pagerduty, and proprietary monitoring services

Software Engineer, Analyst
Relationship Analytics and Eng. | Goldman Sachs

Jul 2019 - Oct 2021

- Developed a RESTful API architecture to support over 10+ million requests with a 95% uptime by utilizing load balancing, rate-limiting, caching, and batch processing
- Integrated backend services with the Hadoop ecosystem to utilize the distributed file system (HDFS) and data store (HBase), Yarn, and MapReduce
- Collaborated as the lead UI developer for pilot projects focused on making graph data, analytics, and insights accessible to 15+ cross-divisional teams by building data visualization and workflow tools
- Configured and established templates to integrate repos with CI/CD pipelines using Kubernetes and Docker to optimize development time and increase delivery by 50%
- Maintained data pipelines ingesting structured and unstructured data from multiple sources into a single, heterogeneous graph

Activities

Member | Firmwide Hispanic/Latinx Network | Goldman Sachs

- Participated as an interviewer and engineering representative for Goldman Sachs in annually held nationwide conferences guided on empowering Hispanic/Latinx professionals
- Served as a mentor and coach to young professionals pursuing careers in technology

Fellow, Member | Community Mobilizing Racial Equity in Tech | Code2040

- Fellow of a global network devoted to mobilizing the largest racial equity community in tech to the full participation and leadership of Black and Latinx people in the innovation economy

Contact

- vargas.alfredojr@gmail.com
- +1 424-362-5104
- alfredovargas.dev
- linkedin.com/in/alfredovargasjr
- github.com/alfredovargasjr

Education

California State University, Long Beach
Bachelor of Science
Major in Computer Science
May 2019

Skills

Languages

- Java
- Javascript
- Kotlin
- SQL
- Typescript

Libraries + Frameworks

- Apache Hadoop
- Express.js
- Jest / React Testing Library
- JUnit
- Next.js
- React
- SpringBoot

Data

- Elasticsearch
- HBase
- HDFS
- MongoDB
- Postgres
- Redis

Misc.

- Agile / Scrum
- AWS
- Docker
- Figma
- Git
- Google Protobuf
- Gradle
- GraphQL
- Identity and Access Management (IAM)
- Kibana
- Kubernetes
- Node.js / NPM
- Prometheus / Grafana
- Webpack
- Yarn