Senior Software Engineer

**LOS ANGELES, CA /**

**ENGINEERING /**

**FULL-TIME**

System1 is looking for a Senior Software Engineer for our Serving and Services team - a core component of System1’s Tech Platform.  Our platform supports the lion's share of the worlds buyside networks and pairs it with our unique monetization strategies and partnerships.  Our team focuses our efforts on the integration, scalability, and modularity of our systems.  We use these systems to solve problems for a diverse set of brands that are a part of the System1 umbrella.  Examples of services that we architect, build, and maintain include configuration & session management, ad serving, realtime bidding, revenue attribution, conversion tracking, analytics, and optimization.

As a Senior Software Engineer, you will be responsible for managing services that are doing realtime bidding billions of times a day, serving hundreds of millions of impressions to tens of millions of users, and generating millions in revenue.  The ideal person will not only be an expert software developer with back-end and some full stack knowledge, but also a collaborative team player with infectious energy and a desire to communicate ideas with colleagues.

**The Role You Will Have**

* + Contribute to the development of System1’s main platform built inside AWS using Docker, lambda@Edge, Redis, DynamoDB, Elastic Search, Apache Airflow, Kinesis Firehose, and Python 3
  + Build, operate, and optimize large web-based systems and platforms that interface directly with real-time scoring models and support various optimization algorithms that are multi-objective in nature
  + Design and implement algorithms to efficiently process, analyze, and serve massive datasets
  + Serve as a key individual contributor within the engineering team
  + Take projects through the full engineering lifecycle: designing, ticketing, building, testing, deploying, and debugging tools and products
  + Work with a tight knit group of engineers and data stakeholders

**What You Will Bring**

* + Demonstrated experience in back-end or full stack development
  + Well versed with Python and Python libraries/frameworks or other linux based language
  + Passion for leveraging technology to solve problems and maximize productivity
  + Experience building scalable and reliable products in the cloud
  + Experience with designing, implementing, and using RESTful APIs
  + Ability to execute ideas and influence decision making in a clear and effective manner
  + Exposure to ad serving systems and reliability requirements a plus
  + Ability to thrive in a collaborative environment

**What We Have To Offer**

* + Competitive PTO
  + 11 Company Holidays
  + Untracked sick time
  + Medical, Dental, Vision coverage
  + 401k w/match
  + Professional development reimbursement
  + Leadership & growth opportunities
  + Commuter benefits
  + #BI-Remote
  + #LI-Remote

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