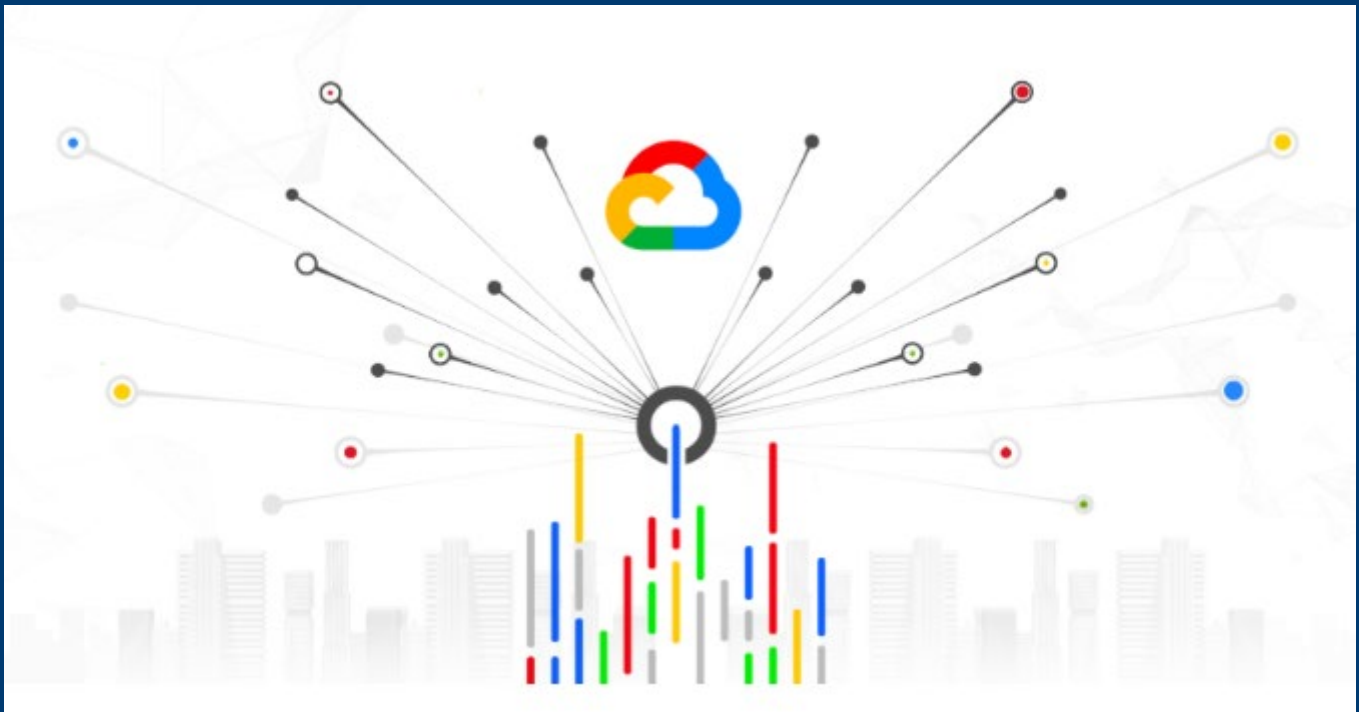# Systems Development Engineer
Google Public Sector

April 2023

About Google Public Sector

Google Cloud has a long history of supporting and working with governments in many different parts of the world. They've helped government agencies modernize their core technology systems; transformed the way in which they deliver services via digital platforms to citizens; delivered security solutions to help agencies protect themselves from cyber-attacks; provided communication, collaboration, and productivity tools to educational and healthcare systems; and enabled them to use data to improve financial systems and other critical infrastructure.

Google Public Sector, a new Google division, will focus on helping U.S. public sector institutions accelerate their digital transformations. This new division will operate as a subsidiary of Google LLC and will specialize in bringing Google Cloud technologies, including Google Cloud Platform and Google Workspace, to U.S. public sector customers. Google Public Sector will provide unique products and expertise, such as Google Cloud's data and analytics platform, artificial intelligence (AI), and machine learning (ML) tools, so institutions can better understand their data and automate core processes. The division will offer Google Cloud's highly scalable and reliable open infrastructure, including compute, storage, and networking, so government agencies can modernize their legacy information systems and build new applications that serve citizens with mission-critical reliability and scalability.

Google Public Sector experts will help U.S. public sector customers use Google Cloud's advanced cybersecurity products to protect their users, applications, and data from growing cyber threats. Their experts will assist agencies in their use of Google Workspace to enable secure communication and collaboration, and to attract new employees to the government using these modern tools. Google will also continue to invest in training public sector employees in digital and cloud skills, and in expanding the thriving ecosystem of partners who are already working with Google Cloud to build solutions that meet the urgent and growing needs of U.S. public sector organizations.

Google Workspace had achieved FedRAMP High authorization, a major milestone in giving the U.S. government more choice among productivity software offerings. Today, Google Cloud has more than 100 products authorized at FedRAMP High or FedRAMP Moderate. This includes products for collaboration, security, document translation, and many other use cases. They also have Impact Level 4 (IL4) certification across numerous products, which allows U.S. government agencies to store and process controlled unclassified information across key cloud services.

Google Public Sector will play a critical role in applying cloud technology to solve complex problems for our nation. They are proud to have served the U.S. public sector for many years, and the launch of Google Public Sector will help to rapidly expand their services to the government, now and into the future.

Systems Development Engineer

As a Systems Development Engineering (SDE), you will manage services and systems at scale. SDEs automate the mundane, reduce toil, and emphasize the development of tools and solutions that fix classes of problems. You will be part of a team of engineers that provides support to United States Government customers. You will be developing networking and computer-based solutions that will bring Google Cloud's Infrastructure and Services closer to where data is being generated and consumed.

The preferred candidate is understood to be a thought leader in automation and infrastructure as a service, who writes code to fix bugs, automate tasks, implement monitoring, and deal with infrastructural components within the large-scale systems that they themselves build. These talented folks are the glue that keeps internal and cloud-hosted services up and running.

Responsibilities

- Engage in and improve the whole lifecycle of services.

- Support services before they go live through activities such as system design consulting, developing software platforms and frameworks, capacity planning, and launch reviews. Maintain services once they are live by measuring and monitoring availability, latency, and overall system health.

- Scale systems sustainably through mechanisms like automation. Evolve systems by pushing for changes that improve reliability and velocity.

- Triage product or system issues and debug/track/resolve by analyzing the sources of issues and the impact on service operations and quality.

- Contribute to existing documentation or educational content and adapt content based on product/program updates and user feedback.

Minimum Qualifications

- 3 years of experience in field deployment, implementation, or system design for service providers or enterprise workloads.

- Experience with troubleshooting across Linux and Kubernetes based architecture.

- Experience in automation and coding (e.g., Java, Python, JavaScript, C++, Perl, Ruby, Go)

- US Government Top Secret/Sensitive Compartmentalized Information security clearance with polygraph.

Preferred Qualifications

- Experience administering cloud services or container based applications or workloads.

- Understanding of Kubernetes or other container orchestration products.

- Ability to design secure, well-architected systems based on customer requirements.

- Ability to analyze situations or problems at the system level or from a broader perspective.

- Excellent troubleshooting skills.

- Excellent partner management, follow-through, resourcefulness, attention to detail, and verbal and written communication skills.

Location & Remuneration

This position will be based in Reston, Virginia. The US base salary range for this full-time position is $136,000-$203,000 + bonus + equity + benefits. Within the range, individual pay is determined by work location and additional factors, including job-related skills, experience, and relevant education or training.

The preferred method of application is by email to: googlepublicsector@odgers.com

About Odgers Berndtson

Odgers Berndtson Executive Search is a leading global executive search firm, assisting private and public sector organizations find the highest caliber, people, for senior management appointments across North America and internationally.

Our reputation at the top of the executive search profession is over 50 years old. With offices in over 60 cities worldwide, our experienced executive search specialists operate with absolute discretion, integrity, and care, and are expert in finding exceptional individuals for challenging roles.

WE ARE GLOBAL

We have the support of an excellent international network of offices on the ground expanding across more than 30 countries globally.

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