

Job Title: Engineer 5, Software Development & Engin

Comcast's Technology & Product organization works at the intersection of media and technology. Our innovative teams are continually developing and delivering products that transform the customer experience. From creating apps like TVGo to new features such as the Talking Guide on the X1 platform, we work every day to make a positive impact through innovation in the pursuit of building amazing products that are enjoyable, easy to use and accessible across all platforms. The team also develops and supports our evolving network architecture, including next-generation consumer systems and technologies, infrastructure and engineering, network integration and management tools, and technical standards.

Responsible for researching, designing, planning, developing, and/or evaluating new, advanced technologies by translating customer requirements or strategic business objectives into final product design. Works with engineering, marketing, customer service, and engineering support to develop detailed design, project plans, and product launch.

Join a high profile team leading the development and deployment of Comcast's large scale OpenStack infrastructure, supporting a diverse range of customers with a wide range of workloads.

Core Responsibilities

- Works within team and other teams to deliver quality products, in a timely fashion, that meet defined requirements.
- Participates in the product lifecycle process, contributes to and/or creates product and technical requirements, detailed design documents including transaction, capacity and bandwidth models, systems definitions, and operational procedures.
- Ensures that projects are properly accepted into the engineering team, worked on in a timely and efficient manner and smoothly transitioned into Quality Assurance and Operations teams.
- Provides guidance and accepts accountability for the performance and reliability of various cross-platform applications and services, and ensures that system failures are restored in a timely manner.
- Recommends courses of action, technology, technical solutions, long term vision and vision of what needs to happen to grow the Company.
- Provides leadership in various manners as an expert in the field.
- Develops state-of-the art solutions to maximize on technology and business applications to enhance current products.
- Performance analysis and optimization.
- Planning for and design of scalable solutions.
- Participation in open source and other technical communities, especially as a senior representative of Comcast in the OpenStack community.
- Engage in design discussions and other engagements with internal cloud infrastructure tenants.

Desirable Skills

- Track record of significant contributions to large-scale system design and implementation projects
- 24x7 operation of large-scale production infrastructure
- Technical leadership of major projects
- Deep knowledge of relevant technical skills, including core programming languages (Python, Java, Go, C/C++), Agile methodology, distributed systems debugging, source code control systems, etc.
- History of engagement with external entities, including open source communities, vendors, consultants, customers, etc.
- Advanced knowledge of Linux system administration
- large scale storage systems, e.g., Ceph, Swift
- network architecture: data center/LAN, WAN, NFV, SDN
- network security
- authentication, access control and identity management
- end-to-end deployment processes
- automation

Furthermore, significant experience as an OpenStack system administrator and the ability to quickly come up to speed on a new environment is highly advantageous.

Comcast is an EOE/Veterans/Disabled/LGBT employer