

Senior Integration Engineer

Austin, TX and Middletown, NJ

AT&T is transforming the architectural and operational foundations of its network. Through this transformation AT&T will open, simplify and scale its network, and most importantly increase the value provided to consumers and businesses. This transformation will require AT&T to design, model and implement systems of unusual scale and complexity. To further this effort, AT&T is building a small team of hands-on experts in distributed systems, software development and systems analysis to prototype and to deliver components of the new architecture. The technology you develop and help implement will touch many millions of users and many trillions of bytes every single day.

You must:

- Have a passion for building and understanding complex systems
- Have a solid track record operating complex systems
- Have a working understanding of distributed systems and networking
- A working understanding of performance modeling and fundamental design choices and tradeoffs in scaling and availability
- Be able to work productively and collaboratively in a multi-disciplinary group
- Have a go-to programming language for system automation and administration
- Have broad knowledge of scripting and automation tools
- Have broad knowledge of virtualization and cloud orchestration technologies
- Have a strong ability to manage project lifecycles from inception to delivery and beyond
- Know the value of observability, metrics and data collection

You should:

- Know when and why you would do regression analysis
- Understand the principles and the current state-of-the-art in Software Defined Networking
- Have a BS in CS, EE, mathematics, or another quantitative science

You Might:

- Have once burned an entire weekend live-migrating your blog from Heroku to Docker on EC2