

# DevOps (Pulumi + TypeScript)

## About Turing

Based in Palo Alto, California, Turing is the world's first AI-powered tech services company. It has reimagined tech services from the ground up with AI by offering AI-vetted and matched talent, AI-accelerated development, and access to AI transformation experts who have built many of the most iconic Silicon Valley companies.

Founded in 2018, the company has experienced tremendous growth with three million global developers on its Talent Cloud and 900+ clients. Turing has received numerous awards, including Forbes's 2022 "One of America's Best Startup Employers," being ranked #1 in The Information's 2021 Annual List of most promising B2B Companies and Fast Company's "Annual List of the World's Most Innovative Companies."

The company's leadership team comprises both AI technologists from leading organizations including Meta, Google, Microsoft, Apple, Amazon, Twitter, Stanford, Caltech, MIT as well as tech consulting veterans from Accenture, Cognizant, Capgemini, McKinsey, Bain, and more.

## Role Overview :

As a **Cloud Infrastructure Engineer** specializing in **Pulumi with TypeScript**, you will design, deploy, and manage scalable cloud infrastructure using Pulumi's modern Infrastructure-as-Code (IaC) platform. Drawing on your expertise in **TypeScript** and the **Pulumi SDK**, you will develop reusable infrastructure components, automate deployments, and manage stack lifecycles across multiple cloud environments. You will collaborate with cross-functional teams to translate infrastructure requirements into **robust, maintainable Pulumi projects**, ensuring best practices in modularity and automation. Your responsibilities will also include **troubleshooting deployment issues**, optimizing **stack state management**, and integrating infrastructure workflows into **CI pipelines** to support fast, reliable delivery of infrastructure changes.

## Responsibilities :

- Design, develop, and maintain cloud infrastructure as code using Pulumi with TypeScript.
- Create reusable TypeScript abstractions and components for infrastructure resources.
- Manage infrastructure deployments and lifecycle using Pulumi CLI commands (pulumi up, preview, destroy).
- Handle stack state management and retrieve stack outputs for integration with applications and workflows.
- Write and maintain Jest or Mocha tests for infrastructure code to ensure quality and reliability.
- Troubleshoot and debug deployment issues using logs and Pulumi diagnostics tools.
- Collaborate with DevOps and engineering teams to continuously improve infrastructure code and automation pipelines.

**Requirements :**

- Proficiency in Pulumi using the TypeScript SDK.
- Strong skills in writing infrastructure code and abstractions with TypeScript.
- Experience with Pulumi CLI commands such as `pulumi up`, `pulumi preview`, and `pulumi destroy`.
- Understanding of Pulumi stack states and outputs management.
- Experience writing unit and integration tests using TypeScript testing frameworks like Jest or Mocha.
- Ability to debug infrastructure code and deployments using TypeScript and Pulumi tools