Jonathan Chang

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Profile

A cross functional front end engineer passionate about user experience, clean code and clear processes. I am an advocate for understanding complexity in order to improve processes and user experiences.

Experience

Senior Engineer, Netflix, Los Gatos, CA – 2021 – 2024
• Designed and implemented safer rollbacks for Spinnaker's Managed Delivery.
• Worked with our PM, designer, and TPM to define user stories, craft user journeys and identify areas in our product to focus our investments.
• Partnered with teams across Netflix to move apps off of bespoke deployment pipelines and onto Managed Delivery, a config as code infrastructure and deployment platform built on top of Spinnaker. Achieved this by doing outreach and education to get teams buy in on our delivery platform.

Staff Engineer, Slack Corp, SF, CA – 2016 – 2021
• Developed and maintained a deploy process that involved hundreds of engineers contributing to a mono-repo that was built and deployed at least 15 times a day, balancing the priorities of merging new code, production stability, and incident management.
• Led the development of the deploy interface. Built in collaboration across multiple engineering teams, the deploy interface was the command and control for selecting builds, rolling them out through preset deploy tiers, and applying hotfixes for production issues.
• Utilized incident response training to keep the deploys running; served as a subject matter expert to provide guidance on how to navigate concurrent incidents with competing priorities.

Senior Engineer, Slack Corp, SF, CA – 2017 – 2019
• Worked with a team to migrate our code review, testing and deployment app from a PHP app rendered entirely on the backend to a TypeScript, React, and Redux front end that received push updates through a websocket.
• Deepened the relationships between engineering and our Customer Experience team by utilizing techniques such as user research, personas, user stories, and rapid prototyping in order to drive alignment and to deliver a great product.

Software Engineer, Parasoft Corp, Monrovia, CA – 2012 – 2016
• Front end developer working on the migration of the dashboard and report front end to use AngularJS with the goals of improving usability, performance and extensibility.

Education

University of California, Irvine – Informatics, HCI 2012

Technology

JS, TS, React, Redux, CSS, LESS, webpack, NodeJS, PHP, Hack, Java, MySQL

Links

https://slack.engineering/deploys-at-slack