

PETER SHI

Project Management | Frontend Engineering

PMP® Suzhou, China stx624@gmail.com

linkedin.com/in/tingxin-shi-5a077b16b github.com/opsCar

SUMMARY PMP-certified release manager and frontend engineer with five years at Zoom. Runs the Zoom Rooms release train across Windows, macOS, iPad, and Android, and builds internal tools that take repetitive work off developers. Currently bringing LLM agents into the release process.

EXPERIENCE **Zoom** · Release Management Engineer Suzhou, China · Oct 2021 – Present

Release management · Zoom Rooms

- Run the Zoom Rooms release cadence across Windows, macOS, iPad, Android, and other platforms: one major release per quarter, a minor release between majors, and hotfixes as needed.
- Raised the on-time release rate from 60% to 80% and cut regression bugs from about 60 to under 30, improving every year.
- Coordinate scope, schedules, and release readiness in English with global Product, Design, and Operations partners.

Internal tools

- Built DevHelper, a Tauri desktop app (PrimeVue, TypeScript, Rust) that brings Jira, GitLab, and Jenkins into one window so developers stop switching between internal sites. In service for two years with about 2,000 users.
- Built Flow Pulse (Vue, TypeScript), which runs reusable Python automations from Zoom Chat workflows. In service for one year with about 100 users.
- Cut templated document creation, Jira dashboard setup, and bulk Jira task creation from about 30 minutes to under 2 minutes.
- Built a daily Pandas pipeline over about 50,000 Jira rows: incremental ingestion, deduplication, and filtering of deactivated users and non-actionable states.

SELECTED PROJECT **AI Native Release Agent** · Core developer and solution designer Zoom internal · Pilot

- Designed a four-stage agent workflow on the company's internal LLM platform that turns user intent, security requirements, release contracts, and project context into a design document, code changes, a policy review, and a deployment result.
- Defined stage contracts, conditional branches, human approval gates, LLM calls, and context injection with OSS Conductor; integrated Jira, GitLab, Jenkins, Zoom Chat, and Zoom Docs.
- Compared six open-source agent and workflow frameworks and led the selection; own the frontend, prompts, orchestration backend, integrations, and pre-launch verification.

SKILLS

Project management	PMP (2023); release planning; scope, schedule, and risk management; cross-timezone stakeholder communication; Jira
Frontend	TypeScript, Vue, PrimeVue, Tauri (Rust)
Automation and data	Python, Pandas; Jira, GitLab, and Jenkins integrations
AI tooling	LLM agent workflow design (OSS Conductor), prompt design; Claude Code, Codex, Cursor, Pi
Also	Java

CERTIFICATION **Project Management Professional (PMP®)** · Project Management Institute 2023

EDUCATION

Georgia Institute of Technology · M.S. Computer Science (OMSCS), Artificial Intelligence specialization
2025 – Present
Completed: Machine Learning for Trading, AI for Robotics. Current: Video Game Design.

Syracuse University · M.S. Information Management 2019 – 2021
GPA 3.89 / 4.00

Northeast Forestry University · B.Mgmt. Information Management and Information Systems 2015 – 2019