

ASHTON CHRISTIE

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Full-stack engineer with experience across startups, AWS, and Microsoft — building products used by millions daily. Shipped a location-detection system at 99% precision across all Microsoft buildings, cut test execution by 95%, and modernized legacy codebases end-to-end. Champions AI-first engineering practices and builds tooling that multiplies team velocity.

EXPERIENCE

Software Engineer — Microsoft Jun 2021 – Present

Presence++ / Places — Microsoft Teams Mar 2023 – Present

- Designed and delivered **Auto-Detect Location** for Microsoft Teams — Wi-Fi-based location presence across all company buildings, achieving **99% precision and recall** through iterative feedback analysis and pipeline refinement.
- Owned the full client pipeline: detection logic, UX surfaces, telemetry, and multi-device sync. Redesigned core architecture mid-rollout, **halving detection latency**.
- Diagnosed and fixed a high-severity location accuracy bug affecting users across multiple devices — traced to OS-level networking race conditions. Shipped fix with **zero regressions**.
- Authored PRDs and technical specs for complex multi-device edge cases. Presented system design to CVP-level leadership and incorporated feedback under high scrutiny.
- Led feature transition to receiving team: **10+ structured onboarding sessions**, comprehensive documentation, and rollout strategy. Championed AI-first practices — built prompting workflows and upskilled teammates on AI tooling.
- Inherited under-documented production service with elevated incident volume. Authored TSGs, stabilized operations, and designed an AI-driven system to automate incident documentation.

Office Hub / M365.com — Fundamentals Jun 2021 – Mar 2023

- Shipped the config system powering M365's worldwide Angular → React migration — deployed to **100% of users with zero customer-impacting issues**.
- Reduced unit test execution by **>95% (22 min → <1 min)** via SWC/Jest integration, cutting CI pipeline time by 10+ minutes and unblocking faster iteration across the team.
- End-to-end owner of First Run Experience v2.0 — from design collaboration through rollout, telemetry, and experimentation. Built monitoring dashboards described internally as “best-in-class.”
- Managed on-call DRI rotations, twice-weekly production deployments, and incident response across M365.com — maintaining reliability for millions of daily users.

Software Engineer — Validar May 2018 – May 2020

- Built a full-stack automation platform from scratch (React, Express, Puppeteer) that **reduced backend configuration by ~75%**, directly enabling the company to take on larger enterprise contracts.
- Led codebase modernization: migrated JavaScript → TypeScript, integrated Sentry for error monitoring (**~70% error reduction**), and established version control and documentation standards adopted team-wide.

Technical CS Team Lead — Amazon Web Services Feb 2016 – Feb 2018

- Promoted to Team Lead within first year. Operated within a 100+ person global organization (Seattle, Virginia, Cape Town) focused on network abuse mitigation — DDoS, phishing, and botnet response at AWS scale.
- Managed 6 direct reports with full ownership of performance reviews, career development, and quality across 11 abuse categories. Developed operational runbooks adopted across sites.

SKILLS & EDUCATION

Languages	TypeScript · JavaScript · Python · C# · HTML/CSS · GraphQL · KQL
Technologies	React · Node.js · Angular · .NET · Azure · AWS · Git · Sentry · Playwright
Practices	System Design · AI Workflows & Agents · Telemetry · CI/CD · Feature Rollouts · Test Automation · DRI/On-Call
Education	Washington State University — BBA, Entrepreneurship (Minor: Economics)