

Eshé N. Pickett

CLOUD SOFTWARE DEVELOPMENT ENGINEER

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People-centered technical leader, experienced in delivering cloud infrastructure automation at scale.

Work Experience

Intel Corporation

2005-Present

Cloud Software Development Engineer

2025-Present

- Lead AWS Data Services Workstream, driving cross-functional efforts to optimize cloud instances on Intel Architecture (IA) through exposure of platform features, observability, and tuning
- Define roadmap and manage cross-team dependencies to deliver optimizations for instance adoption
- Leverage AI-assisted development practices to accelerate platform benchmarking and feature integration
- Conduct gen-over-gen performance analysis to influence instance adoption across enterprise workloads

System Software Architect

2019-2024

- Led a cross-functional team to release the first virtualized Android Point of Sale for a major OEM customer
- Validated, released, and supported customers for open-source display synchronization software, with a co-authored publication in the Society for Information Display, raising visibility to attract new integrations
- Built platform-aware PoC for Kubernetes at the edge with VM management to surface compatibility issues
- Created award-winning containerized AI ASR workload for CPU-inference, with performance insights
- Invited expert for cloud-native solutions at the edge on the “To the Edge and Beyond” podcast
- Selected to the Leadership Summit Planning Team, responsible for curating process improvement sessions
- Nominated for the Society of Women Engineers’ Spark Award through a competitive internal process

Cloud Automation Engineer

2014-2019

- Served as Product Owner for a 9-member team, delivering enterprise cloud infrastructure solutions, earning organizational recognition for open-source to managed hosting migration
- Implemented virtual machine auto-remediation that reduced ticketed incidents by 42%
- Evaluated code complexity and engineering support trade-offs, delivering self-service OS provisioning
- Accepted presenter at the National Society of Black Engineers & Software Professionals Conferences, and IT Technical Leadership Conference (1 of only 16 from 800+ submissions)

Design Automation Engineer

2008-2014

- Led enterprise infrastructure management for 100+ engineers, managing \$2.4M budget for CAD licenses, compute resources, and storage while driving >\$500K cost savings through optimized forecasting
- Architected cross-site engineering solutions, leading multidisciplinary teams to deploy a firewalled environment for Offsite Design Centers to enable engineering headcount cost-savings
- Developed high-performance computing solutions for design coverage collection, enabling PCIe/CPU benchmarks for IA platforms, and contributed to Platform Quality of Service C library development

Systems Programmer

2005-2007

- Primary support for critical Design Engineering revision control system infrastructure operations
- Wrote data center Linux server OS provisioning storage module, supporting thousands of server builds
- Streamlined Linux-environment documentation and training to improve transparency and collaboration
- Provided managerial and team leadership coverage, receiving a site recognition award

Awards/Recognition: Valley Leadership Graduate, 2012. Phoenix Business Journal 40 Under 40, 2017. McKinsey Management Accelerator Program, 2021. Inclusive Leaders, 2022. Accessibility Champion Level 3.

Education

University of Chicago

Master of Science

Computer Science

2005

Northwestern University

Bachelor of Science

Computer Science

2002