

Eshé N. Pickett

CLOUD SOFTWARE DEVELOPMENT ENGINEER

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Technical leader driving large-scale infrastructure automation with measurable performance and efficiency gains.

Work Experience

Intel Corporation

2005-Present

Cloud Software Development Engineer

2025-Present

- Lead Data Services Workstream for AWS Infrastructure, driving cross-functional efforts to optimize cloud instances on Intel Architecture (IA) through exposure of platform features, observability, and tuning
- 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
- Define execution plan, manage dependencies and stakeholders to enable platform optimizations
- Partner with engineering, sales, and architecture stakeholders to resolve issues gating platform adoption

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.
- Architected award-winning AI ASR/TTS/SST workload for CPU-inference, enabling performance insights
- Established thought leadership, presenting virtualization on IA to the Cloud Security Alliance (CSA) and 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 management.
- Implemented virtual machine auto-remediation that led 42% reduction of ticketed issues
- Evaluated code complexity and engineering support trade-offs, delivering self-service OS provisioning
- Delivered presentations at the National Society of Black Engineers & Software Professionals Conferences
- Accepted presenter to 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

- Led critical infrastructure operations as primary support for Design Engineering revision control systems
- Architected data center Linux server OS provisioning, 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