AEVA BLACK

cutting through complexity with precision & articulation

Current Commitments

Open Source Program Manager   *2019 - present*
Azure Confidential Computing, Microsoft   *remote*
- defining strategy and execution plan for department's open source projects
- assisting with outreach efforts at the Confidential Computing Consortium

Member, Code of Conduct Committee   *2019 - present*
Kubernetes   *remote*
- responsible for building safer online and in-person spaces for Linux Foundation's largest & fastest-growing community

Member, Board of Directors   *2016 - present*
Consent Academy   *Seattle*
- advisory position on a 501c(3) non-profit which advocates for consent culture

Employment History

Cloud Consultant   *2018 – 2019*
Independent Consulting   *remote*
- audited companies' cloud products for security compliance
- provided security and scalability consulting and training
- developed ML pipeline for geospatial startup

Sr Staff Research Engineer   *2018*
Samsung Research / Open Source Group   *remote*
- contributed to cloud & container projects
- advised internal teams on architecture and strategy
- note: position cut short when Samsung closed entire Open Source Group

VP Engineering   *2017 - 2018*
Ormuco   *Seattle & Montreal*
- opened first US office, led key hires, and grew US team to 15 people in 1yr
- gained access to MSP market by pivoting our product to converged infrastructure
- reduced fulfillment time by 70% through improvements in process & automation

Senior Advisory Engineer / BareMetal Cloud   *2016*
IBM Cloud   *remote*
- defined roadmap for the modernization of SoftLayer's ageing cloud infrastructure
- improved open source engagement of internal teams and OEM partners

Member, Technical Committee   *2014 - 2015*
OpenStack   *remote*
- set policy for world's fastest-growing open-source cloud project
- provided architectural and strategic reviews for incubating projects

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competencies

open source strategy
servant leadership
hardware security
systems thinking
public speaking

languages

Python, PHP, Perl
C/C++, Tcl/Tk
Bash, SQL

recent talks

"How to see your own bias"
 youtu.be/Dag_WbZmMKU

"Accessible ML"
 youtu.be/erUUWctIdeM

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Employment History (continued)

Founder & Project Technical Lead
2013 – 2016

OpenStack Ironic
remote

> *"Ironic is an open source project which automates large-scale hardware infrastructure management through a cloud-native RESTful API"*

- led all aspects of the open source project - from prototype through GA release
- represented the community in presentations around the world
- brought competitors to the table by balancing priorities and finding common goals
- built thriving global network of developers, operators, and system integrators by organizing miniconfs, meetups, and local workshops
- ensured succession plan was in place before stepping down to run a startup

Master Engineer
2012 - 2015

HP Cloud
Seattle & remote

- became HP's subject matter expert on bare metal cloud products
- coordinated product releases across teams to align with community priorities
- implemented python framework to enable multi-vendor data center automation
- provided internal training and onboarding at sites around the world
- assisted in presales as needed to close top-tier deals

Sr MySQL Consultant
2009 - 2012

Percona
remote

- provided expertise in replication, scale-out, disaster recovery, and SQL performance tuning in response to growth and unforeseen situations to 100's of remote and on-site customers

Sr MySQL DBA
2004 - 2009

Hydra Media, LLC
Los Angeles & remote

- built infrastructure powering $100MM "pay-per-action" AdTech start-up
- designed scalable & fault-tolerate MySQL architecture with zero downtime for three years

MySQL DBA
2003 - 2004

NeoPets
Los Angeles

- saved $2MM by deploying mysql-ndb cluster to replace Oracle solution
- reduced database incident response time by building monitoring & automation framework

Lead UX Developer
1999 - 2001

Static, Inc
Santa Monica

- designed early dynamic content delivery and peer-to-peer services
- led team of seven developers to launch new client portal on time

education

UC Santa Barbara
1996 – 1999 & 2001 - 2003

- youngest student ever accepted into CCS physics program
- majors in physics, comp.sci. and east asian religious studies
- minors in german and mandarin chinese

Camarillo High School
1994 – 1996

recruited by UCSB during 2nd year - no HS diploma