

AEVA BLACK

An open source technology leader, known for cutting through complexity with precision & articulation

Current Commitments

Open Source Program Manager, Azure Confidential Computing 2019 – present

- defined strategy for, and led execution of, multiple open source projects within Azure
- represented Microsoft in the Confidential Computing Consortium, advised on open source governance and policy, and established new programs to support long-term goals
- produced educational and outreach content, e.g.. whitepapers and analyst briefings

Member, Kubernetes Code of Conduct Committee 2019 – present

- created safer online and in-person spaces for a globally diverse contributor base by guiding policy and governance decisions, addressing sensitive personnel matters, and providing training to other community leaders

Board Member, Consent Academy 2016 – present

- advisory position on a 501c(3) non-profit which advocates for consent culture

Employment History

VP Engineering, Ormuco 2016 – 2018

- responsible for engineering execution of 35 person department across 4 countries
- opened first US office, led key hires, and grew US team to 15 people in first year
- pivoted to “converged cloud” strategy, enabling access to key markets
- reduced fulfillment time by 70% through improvements in process & automation

Senior Advisory Engineer, IBM BareMetal Cloud 2016

- defined roadmap for the modernization of SoftLayer's aging cloud infrastructure
- *note:* a re-org within SoftLayer's management ended this project suddenly
- internal and external education and evangelism of IBM's open source cloud projects

Founder & Project Lead, OpenStack Ironic 2013 – 2016

"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 to production releases
- created a neutral space for competing hardware vendors to realize common objectives, delivering increased value through a shared data center management abstraction
- built thriving global network of developers, operators, and system integrators by organizing miniconfs, meetups, and local workshops for the project's users

Member, OpenStack Technical Committee 2014 – 2015

- policy for world's then-fastest-growing open source cloud project
- provided architectural and strategic reviews for incubating projects

contact me

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competencies

OSS strategy & governance
OSS community growth
hardware security
bare metal cloud
database design
ethics in technology
inclusive design principles

specific technologies

C/C++, Python, PHP, Perl,
Bash, MySQL, Docker,
Kubernetes, Ansible, Git,

recent public talks

a list of recent appearances is available here:

<https://aeva.online/media/>

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Employment History (continued)

Master Engineer, HP Cloud

2012 - 2015

- 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

education

UC Santa Barbara

1996 – 1999 & 2001 – 2003

- *majors in Physics, Computer Science, and East Asian Religious Studies*
- *minors in German and Chinese languages*

Sr MySQL Consultant, Percona

2009 - 2012

- 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

Camarillo High School

1994 – 1996

recruited by UCSB

during 2nd year - no HS diploma

Sr MySQL DBA, Hydra Media, LLC

2004 - 2009

- responsible for all aspects of database health and uptime during my tenure while the company grew from ~10 to >100 people and revenue increased 1000x
- built scale-out data infrastructure and disaster recovery plans to meet contractual uptime obligations and rapid company growth
- built data warehouse, providing executives with near-real-time reporting
- hired and trained junior DBAs

MySQL DBA, NeoPets Inc

2003 - 2004

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

Lead UX Developer, Static Inc

1999 - 2001

- wrote dynamic content delivery and P2P services in the early days of the 'web
 - grew and led team of developers who released a market-first dynamic game tracking client
 - contributed to launch of "Aliens Vs Predator: Gold Edition" multiplayer engine success
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