AEVA BLACK

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

Current Commitments

contact me
pronouns: they/them

e: aeva@aeva.online
loc: Seattle, WA

Open Source Hacker   *2021 - present*
Azure Office of the CTO, OSS Ecosystems   *remote*
- leading strategic initiatives to secure open source software ecosystems
- aligning lateral teams around long-term goals to improve security, privacy, and diversity efforts in open source project communities
- launched [OmniBOR](), an open source standard to simplify supply chain transparency

Secretary, Board of Directors, *Open Source Initiative*

Vice Chair, Technical Advisory Committee, *Open Source Security Foundation*

Employment History

Open Source Program Manager   *2019 - 2021*
Azure Confidential Computing, Microsoft   *remote*
- led development of, and advised on the release of, new open source projects
- represented Microsoft in the Confidential Computing Consortium, facilitating consensus-based decisions to evolve the governance policies and support new technical projects
- produced educational and outreach content, e.g.. talks, white papers, and analyst briefings

Consultant   *2018 - 2019*
Independent Consulting   *remote*
- audited companies' cloud products for security compliance
- provided security and scalability consulting and training
- developed machine learning pipeline for a green geospatial startup

VP Engineering   *2016 - 2018*
Ormuco   *Seattle & Montreal*
- 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 new market segments
- 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 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

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

competencies

Open Source Strategy,
  Governance, & Growth
Hardware Security
  (BMCs, TEEs, TPMs)
Bare Metal Cloud
Data Privacy Policy
Software Security Policy

public content

a list of recent talk recordings and other public appearances can be found here:
  https://aeva.online/media/

AEVA BLACK

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

__Employment History__ (continued)

Founder & Project Technical Lead
OpenStack Ironic

2013 – 2016

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

Sr MySQL Consultant
Percona

2009 - 2012

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
Hydra Media, LLC

2004 - 2009

Los Angeles & remote

- built zero-downtime, scale-out data infrastructure that powered the largest pay-per-action AdTech company, at over $100MM revenue

MySQL DBA
NeoPets

2003 - 2004

Los Angeles

- built open source database (MySQL NDB) which outperformed Oracle RAC solution
- reduced database incident response time by building monitoring & automation framework

Lead UX Developer
Static, Inc

1999 - 2001

Santa Monica

- designed early dynamic content delivery and peer-to-peer networking services
- led client-side development to create market-first dynamic multiplayer game tracker
- contributed to launch of "Aliens Vs Predator: Gold Edition" multiplayer success

__Volunteer / Non-Profit Experience__

Code of Conduct Committee, *Kubernetes*
2019 - 2021

> 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, to support the hottest project in the Cloud Native Computing Foundation.

Board of Directors, *Consent Academy*
2016 - 2020

> Advised this Seattle-based 501c(3) non-profit which advocates for consent culture.

Technical Committee, *OpenStack*
2014 - 2015

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

__education__

UC Santa Barbara
1996 – 1999 & 2001 – 2003

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

Camarillo High School
1994 – 1996

recruited by University faculty during 2nd year - no HS diploma