BEN YAN

Experienced Cloud Architect and Security Engineer with a Data Science and Scientific Computing background

Seattle, WA □ English | Mandarin ⊕ hi@me-ben.com → yanb3n □ yanben

EXPERIENCE

Strategic Cloud Engineer

Google Cloud

- July 2021 Present
- Seattle
- Delivered security logging, monitoring, and operational best practices for GCP customers using Cloud Operations with external SIEMs, focusing on GCP-specific detections and alerts
- Provided GCP-specific network, data, and access security best practices and guidelines - delivered incident response outlines and trainings for SOC Teams
- Designed and implemented infrastructure level monitoring for F50 Financial Customers to detect and alert on platform threats
- Implemented multi-perimeter VPC Service Controls at major regulated F500 customers to segregate and protect environments and resources from data exfiltration and unauthorized access
- Wrote python data pipelines and tools to triage and decommission orphaned and unused internal GCP Projects and Organizations, improving security posture and reducing excess spend

Cloud Consultant

Ernst & Young LLP

- **Aug** 2019 Jun 2021
- Seattle
- Delivered a security maturity assessment for executive leadership of a \$10B+ startup, automated batch analysis of 100k+ access log events for high risk SaaS applications in pandas
- Designed and implemented a zero-trust solution for 2500+ remote users at a \$3B+ revenue retailer. Built a EC2 Active Directory Certificate Service PKI and secured the RootCA key with AWS HSM to deploy certificates, end-to-end automated with Terraform and PowerShell
- Secured network access for 1500+ WFH devices with a thirdparty SaaS forward proxy agent – resolved prefix routing issues
- Migrated 200 legacy applications running on Windows Server in vSphere with Azure Migrate into isolated subnets and security groups ahead of schedule, reported weekly progress to executives with a PowerBI and MySQL dashboard

Livestream Broadcast Technology Engineer

Bento Productions LLC

- Generated 100% YoY viewership growth of Collegiate Rocket League with Twitch.tv broadcast interactivity integrations
- Implemented NodeJS + MongoDB chatbot to allow viewervoted highlights, increasing per-viewer chat activity by 30%
- Developed **NodeJS** match predictions to allow viewer prediction competitions, pre-dating a similar Twitch feature by 1 year
- Delivered viewership and chat interaction dashboards/reports generated with matplotlib/pandas from MongoDB data lake

EDUCATION

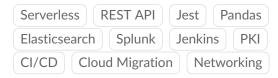
B.S. Aerospace Engineering

University of Washington

PROGRAMMING LANGUAGES



TECHNOLOGIES



CERTIFICATIONS

- G GCP Professional Cloud Architect Certified 2021
- **a** AWS Solutions Architect Associate Certified 2021
- **G** GCP Professional Data Engineer Certified 2020

LEADERSHIP

Community Organizer

AAPI Against Hate

- Organized 400+ person rally and march in Seattle's Chinatown/International District
- Brought in former governors and state/local elected officials to speak
- Organization spokesperson for media appearances in the Seattle Times, local news, etc.