

ALEX EHRNSCHWENDER

SOFTWARE SYSTEMS ENGINEER

SAN FRANCISCO, CA

CONTACT

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HTTPS://EHRNS.COM

PROFILE

Bay Area engineer with a passion for leading technical projects, designing distributed systems at scale, and delivering value to end-consumers..

EXPERTISE

LANGUAGES

Scala & Java, Go, Python, C#, JavaScript

FRAMEWORKS

Akka & Play, Grails, Django, Rails, Express, Tensorflow & Keras

DATABASE/CACHE

MySQL, Postgres, Redis, MongoDB, RabbitMQ, Kafka, Elasticsearch, Zookeeper

INFRA

GCP, AWS, Kubernetes, Docker, Jenkins

INTERESTS & HOBBIES

Systems architecture, machine learning, open source, piano & synthesizer, foreign languages, concerts and live events, video games..

EXPERIENCE

SR. SOFTWARE ENGINEER - UNITY TECHNOLOGIES

NOV 2019 - SEP 2020

- Led development of privacy services including a fully automated data disclosure system utilizing queueing, batched ETL processing of > 10TB of data, and PDF delivery.
- Architected & developed Gamer ID federation graph and signal mapping services for Unity Ads business.

SR. SOFTWARE ENGINEER II - EVENTBRITE

SEP 2017 - NOV 2019

- Built Python microservices for self-service event management and ticketing.
- Consolidated checkout flows by integrating features into a single, API-driven order service.

SR. SOFTWARE ENGINEER & TECH LEAD - TICKETFLY

JUL 2015 - SEP 2017

- Developed Scala (Play) & Java (Grails) microservices to serve venues, promoters, partners, and end customers with live event ticketing solutions.
- Built a new barcode & device sync system to serve iOS scanning devices deployed across large US festivals.
- Tech lead in team of 6 engineers for Ticketfly Attendee mobile app release (500K installs, 6K DAU).

GAME SERVER ENGINEER - DENA WEST / NGMOCO:)

NOV 2013 - MAY 2015

Developed distributed online game servers in Node.js and Scala (Akka) for several popular mobile apps. Rolled out in-house clustering and service coordination capabilities.

LEAD FRONT-END ENGINEER - TASTEMAKERX

SEP 2012 - NOV 2013

Led client-side app development for web and Spotify applications revolving around music discovery.

IT LEADERSHIP PROGRAM - GE ENERGY

JUN 2010 - AUG 2012

Served as a developer and PM within 2-year International rotational leadership program.

EDUCATION

BS, SYSTEMS ENGINEERING

UNIVERSITY OF VIRGINIA | 2006 - 2010

ENGINEERING BUSINESS MINOR