HECTOR GRAY

LEADER
ENGINEER
ARCHITECT

WHO AM I?

A pioneer in the technology and application development space with over 20 years of experience with multiple international companies and with the U.S. Department of Veteran Affairs, Air Force, and Navy.

A passionate visionary known for creating scalable, sustainable software solutions and integrating new frameworks, languages, and technologies. Exceptional communicator capable of translating complex concepts into stakeholder and user language. Both a highly technical and inclusive leader focused on team success and individual career progression.

HIGHLIGHTS

SF NodeJS Meetup Presenter - CI\CD Practices
LA NodeJS Meetup Presenter - Key-Value Data Stores
1st Place - LA Comcast NBCU Hackathon
1st Place Hacking Healthcare: Creative Solutions to Medi-Cal's Problems

SKILLS

Golang / CLIs / APIs / Web Services
Web3 / Blockchain / Solidity / Ethereum
React / Next.JS / NodeJS / Javascript
AWS / Google Cloud
Live Streaming & Transcoding
Dockers / Kubernetes / Lambdas
Scrum / Strategic Planning
Documentation
ASA Certified Sailor - 101, 103, 104, 105, 106, 114

FIND ME HERE:

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Location: Los Angeles, California

EXPERIENCE

PRINCIPAL ENGINEER
Yahoo - Edgecast | Feb 2019 - Present

Write and manage CLIs, web services, and daemons responsible for the setup and global provisioning of VMs and physical servers. Established a Golang learning curriculum that allows developers to transition from novice to advanced.

PRINCIPAL ENGINEER
TuneIn | July 2016 - Feb 2019

Contributed to the Engineering organization throughout the Los Angeles and San Francisco teams (via in-person and remote capabilities). Built the in-house live streaming platform, including the in-stream ad insertion solution.

ENGINEERING MANAGER, PRINCIPAL ARCHITECT
Vixlet | Jan 2015 - Feb 2016

Led the migration from the original API to micro-service architecture. Constructed the JavaScript framework to rapidly create micro-services, features, and functionality, increased code consistency and maintainability. Established a cached relational graph for aggregating counts and storing and querying relations between objects such as users and media. Initiated a system for handling static and personalized user activity feeds, driving faster propagation and delivery of data to users using RIAK, REDIS, and SQS.

DIRECTOR, PRINCIPAL MEDIA ARCHITECT
MySpace | Aug 2006 - Nov 2014

Hired and cultivated talent, and directed the Media Processing, Ingestion, and Copyright Protection, teams. Led the production of high-quality live concert streams across the globe. Balanced uploads to media processors and decreased processing time by building a broker system that ensured a single TB delivery would not interfere with the ingestion of other partners/users. Developed a streaming service that would transcode high-quality audio and video in real-time. Developed a media ingestion engine that synchronized major music label and picture studios' rights, media, and metadata.

ENGINEER
Microsoft | Jun 2006 - Aug 2006
As part of the Microsoft Experience group, I worked on the Microsoft Events ASP.NET website. It enabled millions of users to navigate, book, and explore thousands of Microsoft events worldwide and online. Worked with cross-functional teams of product owners as a SCRUM team member to ensure timely release of software aligned with requirements.

LEAD ENGINEER
ICanHasCheezburger | 2005 - 2006
As the first developer hired at ICanHasCheezBurger, I helped transform the famous "LOL Cat Site" blog into a viral social media sensation by creating the online meme builder. It gave millions of readers the ability to develop, caption, browse and share thousands of memes. The meme builder also drove a 10x increase in unique visitors.

SOLUTIONS ENGINEER
CTA | Aug 2001 - Aug 2005
Taught .NET, Java, SQL, Database Design & Programming Methodology. Provided training for and created mission-critical applications for members of the Air Force and US NAVY. Built a Windows mobile application for the U.S. Department of Veteran Affairs, which offers online health services to Veterans; it was subsequently presented before Congress and approved.