**Joe Kramer**

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Austin, TX 78702

Remote Worker

**Software Architect Engineer**

This resume is the machine readable version. There’s a much more aesthetically pleasing version available for download on my website. https://kramergatos.com

**Tech Stack**

* HTML / CSS - 17 years
* JavaScript - 13 years
* JSON - 13 years
* jQuery – 9 years
* REST APIs - 8 years
* NodeJS - 9 years
* ExpressJS - 8 years
* AWS - 8 years
* AWS DynamoDB - 6 years
* MySQL - 4 years
* PHP – 4 years
* TypeScript - 3 years
* NextJS - 3 years
* ReactJS - 3 years
* MongoDB - 2 years
* AWS Lambda - 2 years
* C#.NET – 2 years
* WebSockets – 1 year
* GraphQL - 1 year
* D3JS - 1 year

**Experience**

**Principal Software Engineer**

**Kin + Carta**

**10/2023 - Present**

Working on the platform engineering team at Discover bank as staff augmentation through Kin + Carta. Researching and picking new tools and architecture. Implementing new tools and upgrading code bases.

**Technology Used:** NodeJS, JavaScript, TypeScript, ReactJS, HTML5 / CSS3, Vitest, React Testing Library, Micro Front End

**Software Architect Engineer**

**Apple**

**04/2022 – 09/2023**

UI focus on multiple projects. New features and bug fixes to data reporting internal tools using TypeScript and ReactJS. Adobe Photoshop UXP plugin using TypeScript.

**Technology Used:** NodeJS, JavaScript, TypeScript, ReactJS, HTML5 / CSS3, Adobe Photoshop, Adobe UXP, Web Sockets, ThreeJS, WebGL

**Director of Engineering**

**i2Chain**

**11/2021 - 03/2022**

Leading Front End development with offshore team on an innovative next generation security solution for enterprises that encrypts, injects rights management, and traceability into documents. Successfully implemented workflow, processes, tools, and communication to get the stalled project organized and back on track to deliver new features and bug fixes. Working with clients on testing, implementation, and features.

**Technology Used:** AWS, Figma

**Senior Software Engineer**

**CatapultX**

**10/2020 - 10/2021**

Developed next gen video player agnostic AdTech container system to display a variety of ad formats (traditional and next gen) on top of or around the video player on desktop and mobile devices using TypeScript. Successfully completed the project months ahead of schedule and rolled out to clients using 20 different video providers proving the system to be player agnostic, adaptable, and configurable.

**Technology Used:** NodeJS, ExpressJS, JavaScript, TypeScript, HTML5 / CSS3, JWPlayer, Akamai Player, Avantis Player, BridTV, Fluid Player, Rumble Player, Video Intelligence Player, YouTube, AMP Player, Google AMP, AirTV Player, Connatix Player

**Software Engineer**

**Hearst**

**07/2020 - 09/2020**

Data management and rules project using PHP and Directus for new AdTech solutions for newspaper and tv station websites.

**Technology Used:** PHP, Directus

**Software Architect**

**Wambi**

**07/2019 - 06/2020**

Strategy, architecture, and documentation of complete product overhaul of infrastructure, apps, and UI. Recruited, built and managed internal engineering team of 6. Collaborate with Sales, Account Management, and Customer Service to understand customer pain points with current product and desired features in the next version. Started rebuilding the product from scratch in NodeJS, NextJS, ReactJS, AWS.

**Technology Used:** AWS, JavaScript, NodeJS, NextJS, ReactJS, HTML5 / CSS3, Adobe XD, Adobe Photoshop

**Principal Software Engineer**

**Dell**

**02/2019 - 07/2019**

Worked with SRE Team to develop enterprise level internal tools. Built D3JS graphing & filtering dashboard UI for system performance monitoring of the entire Dell ecosystem from infrastructure to apps in a new mobile C#.NET Xamarin app. Built additional features into a Chrome Browser Extension, and the UI of C#.NET app used for product research.

**Technology Used:** HTML5 / CSS3, C#.NET, Xamarin, D3JS, JavaScript

**Senior Software Engineer**

**NBC Universal**

**08/2018 - 01/2019**

Built API for app health monitoring and notifications with NodeJS, AWS Lambda. Built PHP scripts to utilize Brightcove API to retrieve, search, edit, & delete content in media library. Built API with NodeJS, AWS Lambda, DynamoDB to manage promo codes and winners and sent emails & push notifications to users with Leanplum.

**Technology Used:** AWS, AWS Lambda, AWS DynamoDB, PHP, NodeJS, JavaScript

**CEO and Co-Founder**

**Nikola Advanced Research Laboratories Inc**

**03/2017 - 09/2018**

Designed and built NodeJS, NextJS, ReactJS apps deployed on AWS for a variety of clients. Recruited, hired, trained, managed a cross functional team of 12. Sales, fund raising, and partnering with a gov contractor for RFPs.

**Technology Used:** AWS, AWS Route53, AWS CloudFront, AWS S3, AWS Lambda, AWS DynamoDB, JavaScript, NodeJS, NextJS, ReactJS, HTML5 / CSS3, Adobe Photoshop

**SVP Engineering**

**Kerv Interactive**

**09/2014 - 01/2018**

Designed and built award winning, next gen, video player agnostic, interactive AdTech from scratch with NodeJS, ExpressJS, VAST, VPAID, AWS. Built a custom platform for content and campaign configuration. Recruited, hired, trained, and managed engineering team of 9. Sales Engineer for client demos and integrations as well as company M&A events including due diligence. Soft launched with several large global brand clients (NBC Univeral, Audi, Lamborghini, etc.), of which one project won the prestigious Lumiere Award of the Advanced Imaging Society (AIS), collecting the accolade in the Best Branded Experience: Sports category for “Formula 1 Experiences.”

**Technology Used:** AWS, AWS Route53, AWS CloudFront, AWS S3, AWS Lambda, AWS DynamoDB, AWS Aurora DB, AWS RedShift, MongoDB, NodeJS, ExpressJS, JavaScript, jQuery, Brightcove, The Platform (Comcast), JWPlayer, Virtual Box, Adobe Photoshop, HTML5 / CSS3

**Software Engineer**

**Junta**

**07/2013 - 09/2014**

Built a custom CMS platform with PHP, Symfony2. Built UI of video heavy web apps.

**Technology Used:** HTML5 / CSS3, PHP 5.4, Symfony2, Twig, Doctrine, Twitter Bootstrap, MongoDB, MySQL, AJAX, JavaScript, jQuery, XML, YAML, JSON, Ubuntu 14.x, CentOS6, PHPStorm, Virtual Box, MySQL Workbench, Apache, NGINX

**Software Engineer**

**Florida Virtual School**

**04/2013 – 06/2013**

Front End Development debugging and testing code for online educational courses as well as reverse engineering Flash based components into HTML5 and JavaScript.

**Technology Used:** HTML5 / CSS3, JSON, XML, JavaScript, jQuery, AJAX

**Software Engineer**

**Container Centralen**

**12/2012 – 04/2013**

Full Stack Development designing and building a custom web application from scratch in C#.NET that has a public corporate home site as well as an authorized area for customers and employees to manage data and accounts. Business Analysis, application architecture, database design, web and graphic design. Initiated getting Git / GitHub implemented for our source control.

**Technology Used:** C#.NET 4.5, MVC 4, SQL, HTML5 / CSS3, JavaScript, jQuery, AJAX, XML, Windows Server 2008, SQL Server 2008/2012, Adobe Photoshop

**Lead Front End Software Engineer**

**FlightScope**

**05/2012 – 11/2012**

Full Stack Development of a new web app in PHP, JS, HTML, CSS that was a community site for the physical golf radar product that showed your performance super imposed on the golf course map, as well as leaderboard competition.

**Technology Used:** PHP, MySQL, HTML5 / CSS3, HTML5 Canvas, JavaScript, jQuery, AJAX, WordPress, Adobe Photoshop

**Software Engineer**

**IntegraClick**

**12/2010 – 05/2012**

Worked closely with the design team for building emails and over 200 websites using JavaScript, jQuery, HTML, CSS for marketing landing pages of multimillion dollar campaigns. Debugging and researching issues in the AdTech platform company was developing for managing marketing campaigns.

**Technology Used:** PHP 5.3, Zend PHP, HTML5 / CSS3, JavaScript, jQuery, AJAX, JSON, XML, Sencha ExtJS4, WordPress, Adobe Photoshop

**Software Engineer**

**Metrohm USA**

**02/2010 – 12/2010**

Full stack development building out three websites and migrated content into a new CMS system. Served as liaison between Metrohm USA and the development team of the parent company Metrohm AG in Switzerland. Also built a simple Windows Console Application to track company computers. Content design and management, contact management, data migration into a CMS system, web services, SQL server, web design, graphic design, analytics, social media, marketing campaigns, communications.

**Technology Used:** Classic ASP, C#.NET, SQL, HTML / CSS

**Software Engineer**

**ReliaQuest**

**07/2009 – 02/2010**

Back End Development of websites and apps for a talent recruitment firm. Worked on three websites, including building the C# ASP.NET backends from scratch for two of them. Taught myself MS .NET Framework and related technologies. I also designed and managed databases, content design and management, graphic design.

**Technology Used:** C#.NET, SQL, HTML / CSS, AJAX

**Owner and Founder**

**JKtheory Design**

**02/2003 – 07/2006**

Freelance design and development of websites using PHP, HTML, CSS and tshirt printing for small local businesses and organizations while attending high school.

**Technology Used:** PHP, HTML / CSS

**Education**

**University of South Florida**

**08/2007 – 12/2009**

Studied Management Information Systems, Engineering, Architecture. Alpha Epsilon Pi fraternity Psi Phi chapter; Vice President (Fall 2008 - Spring 2009).

**Montgomery College**

**09/2005 – 04/2006**

Studied Adobe Flash development

**Reservoir High School**

**08/2003 – 05/2006**

Studied Art and Technology. DECA club and Art club (2003/2004). National Art Honor Society (Jan 2004). Bronze Honor Roll (Second Quarter 2006). Graduated with High School Diploma.