

Mathew Fleisch | 415.497.9412 | mathew.fleisch@gmail.com | mathewfleisch.com

My name is Mathew Fleisch, and I am a Full Stack Developer from San Francisco. I love working on new projects and features; often times, this means fixing and retrofitting existing products first. Each development team I have worked for, from non-profits to Apple, all have a finite amount of resources, whether that is infrastructure or developer time. Throughout my career, I have adopted Larry Wall's philosophy and will automate as much as possible. If a task requires human input, I will create a tool that can allow someone closer to the data, to maintain it. This frees up developer time, to make new things, and reduces the amount of communication necessary to complete common tasks within the organization. In order to optimize limited resources, this philosophy has helped me in each of my roles to maximize my impact on the team. One of my current hobbies, testing out tools and techniques that hackers use to infiltrate systems and exfiltrate data, was sparked by working for the Black Hat security conference. Utilizing these skills has helped me to know what is possible, when using the latest best practices, to defend against all attack vectors. Portfolio: mathewfleisch.com

- PHP5 / PHP7
- Bash / Shell
- Perl / Python
- C# / Scala
- Javascript / jQuery
- HTML5 / CSS3
- NodeJS / ES6
- Testing / Automation
- API Development and Integration
- Ansible / Jenkins / Docker
- MySQL / PostgreSQL / Redis
- Linux / OSX / Windows

Eaze | Back End Developer | March 2018 – Present

Working for a start-up means constantly adapting to shifting requirements while making forward progress. In the back-end services team, I have been able to create tools to automate business tasks and help to retrofit a young application to scale efficiently. Mostly writing node/javascript and I am starting to contribute to c#/dot-net codebase as well.

Apple | Full Stack Developer | May 2017 – March 2018

I was hired to work in the marketing department to maintain a sunseting web application that was being rebuilt by another team. I made modifications to make the application more stable, secure and added logging for debugging purposes. I also expanded my role to help maintain an internal content management system. Apart from coding, this role also required some dev-ops knowledge; I assisted with Docker, Ansible and Jenkins maintenance

Hitachi America | Javascript Developer | February 2017 – May 2017

I was hired for a short contract to work on an IoT analytics platform, using Javascript, NodeJS and Node Red. I wrote a user-interface in NodeJS to integrate an internal tool with Node Red to allow analytics information to be displayed about sensors and device status.

Apple | Full Stack Developer | September 2015 – October 2016

The Global Finance department at Apple created and maintained internal websites, to help facilitate secure communication and document sharing. The small team of developers primarily used LAMP Stack CodeIgniter, with some NodeJS/Grunt/Gulp/Sass optimization, for most projects, and Drupal CMS for others. Apart from other responsibilities, I wrote parallelized scripts to recover lost data for another team.

United Business Media (UBM) | Back-End Web Developer | November 2011 - 2015

UBM is a parent company of many conferences like Black Hat and The Game Developer's Conference. While at UBM, I developed an application to allow conference attendees to view the speaker schedule and save a personal itinerary. The Schedule Builder application is still being used by many conferences at UBM.

The Buck Institute for Research on Aging | Staff Programmer | June 2009 - 2012

Working with bioinformaticians gave me exposure to big data, automation pipelines and creating user interfaces that are easy to understand. I created web interfaces to enter large lists of genes, and various reports are displayed, based on research done at the Buck Institute.

(<http://www.ncbi.nlm.nih.gov/pubmed/23409969>, <http://www.ncbi.nlm.nih.gov/pubmed/22706384>)