Scott Motte/Software Engineer

Product minded software engineer.

Get to know me

http://mot.la
http://github.com/motdotla

Contact me

mot@mot.la

Projects

Dotenv
https://github.com/motdotla/dotenv
Developed NodeJS library for loading environment variables from a .env file, adhering to a twelve factor app methodology.

Node-lambda
http://github.com/motdotla/node-lambda
Developed NodeJS application framework for local lambda development. Included deployment mechanism as well.

Handshake.js
http://github.com/handshakejs
Designed and implemented a working proof of concept for an alternative approach to authentication - passwordless, email only.

TxtPxl.co
http://txtpxl.co
Made it possible to print photos directly from your phone by building a SMS bot-like product, leading to over 250 photos printed and delivered to happy customers.

Profile

I am a product minded software engineer with a talent for shipping and a personality that works well with others. I'm self-taught and creative. I'm continually learning and most enjoy turning an idea into a product, but increasingly enjoy wrangling lots of data.

Work

Software Engineer, ALG a TrueCar Company

- Built a system for filtering and replicating large CSV files stored on S3 - by systemizing a combination of gzip streaming compression/decompression, chunked uploads to S3, and parallel computing - leading to the close of a multi-hundred thousand dollar new client deal.
- Modernized an internal data movement library - by converting it to a streaming based system - unblocking its usage for 1GB and up files and leading to its adoption as the core engine powering a critical internal data and file movement service.
- Wrote a streaming internal PGP encryption library - by wrapping the GPG binary, utilizing it in batch mode, and harnessing IO streams - leading to increased encryption of client data files 250MB and up.

Software Engineer, Bitium

- Empowered our sales team by building a highly flexible payment processing system - complete with complex contracts of multiple and varying terms - leading to increased sales.
- Modernized the core directory syncing system - by making use of Sets and Postgres COPY statements - leading to an 88% reduction in processing time. Additionally, the effort eliminated known edge case bugs and included automated performance and memory tests.

Developer Evangelist, SendGrid

- Repaired and maintained our official open source libraries for NodeJS, PHP, Java, and Ruby - by fixing bugs, writing detailed docs, doing customer support, and coding new features - leading to significantly less outstanding GitHub issues.
- Traveled around the US and other parts of the world, participating in hackathons, workshops, and meet ups - by teaching about APIs and helping others with their code - leading to increased awareness of SendGrid's available APIs.

Education

Pepperdine University - Bachelors of Science in International Business
Pilot's License - Private Pilot Certificate