

# Scott Motte/Software Engineer

Product minded software engineer.



Get to know me

<http://mot.la>

<http://github.com/motdotla>

Contact me

[mot@mot.la](mailto: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.
- Held workshops and participated in hackathons 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