

# Alex Begg

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Senior software engineer and full-stack web app engineer with an immense attention to detail and an artistic focus. Recent experience with DevOps, AWS/Azure Cloud Architecture, and Docker.

I have spent the last 10 years developing websites, web applications and mobile apps professionally. I have an educational and early professional background in visual effects for television. I combine my creative and engineering skills to make great websites and applications.

## Senior Software Engineer

### MedMen

Jul 2012 – Nov 2019

First employee at one of the nation's largest cannabis retailers.

Managed the extraction and load of data from many data sources into a data warehouse.

Stack: Python, Node.js  
Data: Snowflake, PostgreSQL, SQL Server, MySQL, many third-party APIs  
Tools: Apache Airflow, Docker, Azure Container Instances, Azure Functions, AWS S3, Fivetran

Primary developer on MedMen's first proprietary point of sale, inventory management, and cultivation tracking system used in all CA stores and cultivation facilities in CA and NV.

Stack: Python, Django, PostgreSQL, Celery, Redis, Backbone.js. Previously: PHP, CodeIgniter  
Tools: Docker, Tornado, RequireJS, Jinja, Handlebars, SASS, FPDF, Supervisor, Fabric, uWSGI, Azure Web Apps, AWS EC2, AWS S3, Azure DevOps CI/CD Pipelines

Built the first iOS app for iPads inside all of its CA stores as well as iPads used by cultivation technicians in facilities in CA and NV.

Stack: Objective-C, Swift, Backbone.js  
Tools: Apache Cordova, Socket Mobile scanners

Integrated software with receipt printers, label printers, and plant tag printers.

Stack: CUPS; Printer Control Languages: ZPL, PCL, ESC/P

Built many of the company's websites.

Stack: jQuery, Jade/Pug, Wagtail, Wordpress, MySQL, SQLite

## Lead Web Developer

### ModMan

Oct 2009 – Jul 2012

Developing front-end website design and user interfaces as well as PHP development for membership, event, e-commerce and content management systems for a wide variety of business clients.

Stack: jQuery, PHP, MySQL  
Tools: Adobe Photoshop, Adobe Illustrator, Adobe Animate

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## **Graphics and Effects Artist**

**Gunslinger Digital**

Sep 2007 – Aug 2008

Motion graphics, visual effects, compositing, and title sequences for shows on various television networks (CBS, FOX, MTV). Shows I worked on include *Hell's Kitchen*, *How I Met Your Mother*, *Back To You*, and *Viva La Bam*. At the time the company also did graphics for the Academy Awards.

Tools: Autodesk 3ds Max, Autodesk Maya, Adobe After Effects, Adobe Photoshop

## Education

**The Art Institute of California-Los Angeles**

**Bachelor of Science · 2009**

Media Arts & Animation