Kevin Klein

Engineer

Kevin Klein

San Francisco, CA 94133

kevin@cheese.is

Skills

An accomplished engineer with eight years of experience building scalable, high traffic web services, and e-commerce solutions with a strong track record of solving unique problems and designing custom solutions.

Experience

Obeo.io / Senior Software Developer

OCTOBER 2018 - PRESENT, SAN FRANCISCO, CA

Obeo is an SMS marketing and communication platform built on a PHP/MySQL backend with a public API and multiple backend service integrations.

+ Built with PHP and MySQL on Google Cloud App Engine.
+ Designed a versioned MySQL schema to provide streamlined updates to the database.
+ Utilized a Pub/Sub queue system to handle bulk processing, background jobs, and large imports (uploading contact lists, sending campaigns, etc).
+ Implemented web socket management with Node.js for live messaging and bulk tasks to update user interface elements in real time.
+ Designed an event management system allowing events to trigger other actions in the system in real time.
+ Implemented WebSockets with Node.js to provide real-time messaging in the app.
+ Developed backend integrations to connect customer accounts to Slack, MailChimp, Shopify, and custom-built applications.
+ Created a local development environment using Chef and Vagrant to easily onboard new developers and to provide streamlined testing and deployment tasks.
+ Used PHPUnit to write tests for models, controllers, and other critical system functions.
+ Used Bash scripts, Terraform, Chef, and Google App Engine to create staging and production environments with automated horizontal scaling.

BloomThat / Senior Software Developer

SEPTEMBER 2013 - OCTOBER 2018, SAN FRANCISCO, CA

BloomThat was a flower delivery startup that had a national presence with same day and next day delivery.
Acquired by FTD in 2018.

- + Custom-built e-commerce solution using PHP, MySQL, and hosted with Rackspace.
- + Built and managed a large scale administration and distribution system to fulfill 1000's of orders a day through multiple vendors on a daily basis.
- + Created a vendor distribution app to assist farms in fulfilling orders. This system became a new standard these farms now require from new retailers.
- + Designed a customer support app to assist support representatives in spotting order issues and communicating with customers.
- + Used Node.js to manage WebSockets to provide real-time dashboard updates for admin and fulfillment services.
- + Created an administration dashboard with billing and statistics for accounting including charts and downloadable reports.
- + Used Terraform, Chef, Jenkins, and Bash scripts to automate deployment, scaling, and system migration.
- + Managed other developers delegating tasks and projects, reviewing work, doing performance reviews, and layoffs.
- + Handled internal customer support, on-call scheduling, and disaster recovery plans.
- + Used NewRelic to monitor system usage. Here is me talking about it at FutureStack.
- + The first employee hired, I designed the entire system from the ground up, oversaw updates and migrations to new technology and interacted with other departments on a daily basis to asses needs and application usability.

Atleas / Senior Software Developer
DECEMBER 2011 - SEPTEMBER 2013, LOS ANGELES, CA
Atleas was a digital media marketing agency that built and managed websites for a wide range of customers. Atleas did internal work as well as outsourcing work overseas.

- + Designed a wide range of websites using various CMS platforms including Wordpress, Concrete, Joomla, Drupal, and Magento.
- + Worked with various branding agencies to increase project volume and the number of managed websites
- + Built custom management systems for companies that cross dock warehouse goods.
- + Built custom a CMS platform for website and marketing management that was used by large companies like OMG..
- + Worked mostly with PHP, JavaScript, HTML, CSS, and other basic web languages.

Education

Brooks Institute of Photography / BFA, Film and TV

JUNE 2003 - AUGUST 2006, VENTURA, CA