

## Blossom Technology stack

Blossom is a company that builds product management suites for people and companies to be able to easily and effectively manage your projects. They like agile and lean software and are not only into the programming, coding, and technical part of it, but also the visual design and features that make project management easy.

Blossom has hosted everything themselves using PHP, Ruby, Python, Java, JavaScript, Debian, Ubuntu, Haskell, MySQL and a bunch of other technologies. Now blossom uses Google App Engine to host projects. Google App Engine allow for easy scalability and since it is Google the security of your work is taken very seriously. App Engine provides NoSQL data storage that blossom can take advantage of and it is accessible from Python, which blossom uses for a lot of their backend code.

Blossom also uses Flask. Flask is lightweight and a micro framework for Python based on Werkzeug, jinja 2 and good intentions. Flask is also BSD licensed so that they can use it for whatever reason as long as the copyright is in there. It is also similar to Django which blossom has used a lot in the past. Python is what blossom uses for the backend code. Blossom uses Python for command line tools and data crunching. Blossom also uses Backbone.js. Backbone.js is hosted on GitHub and has a rich API with declarative event handling that connects to existing API over an interface. Blossom can use Backbone.js to provide some views, models and collections for your codebase. Another programming language used by blossom is CoffeeScript which compiles to JavaScript. CoffeeScript allows Blossom to write JavaScript. With CoffeeScript they are able to use classes, cleaner syntax, lexical scoping and list comprehensions. They are currently adopting Dart, a new web programming language that also compiles to JavaScript.

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