Google Summer of Code 2018

Saurabh Chaturvedi - FOSSASIA

About Me

- GSoC 2018 intern working for FOSSASIA
- I work mainly with Python and C++
- Premier freelancer on Codementor
- Technical Writer on Medium and DigitalOcean
- Linux Foundation Scholarship recipient
- Top 10% on StackOverflow worldwide for Python
- GitHub: @schedutron; Twitter, Medium: @arichduvet

About the Organization

- FOSSASIA is an Open Source Organization based in Singapore
- Motto: Develop software applications for social change using a wide-range of technologies
- Established in 2009 by Hong Phuc Dang and Mario Behling
- Annual FOSSASIA Summit is one of the largest open source events in Asia
- About 40 students selected for Google Summer of Code 2018
- Also conducts different coding programs throughout the year

Eventyay

Eventyay is essentially an open source event management system

- Allows managing events ranging from concerts to conferences and meet-ups (like this)
- Offers features for events with several tracks and venues
- Event managers can create invitation forms for speakers, attendee invitations, etc.
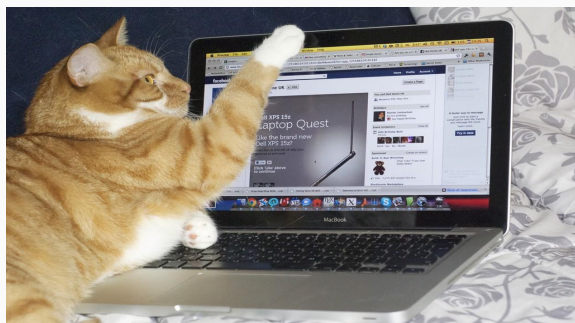- Build schedules in a drag and drop interface
- And much more...

Tech Stack

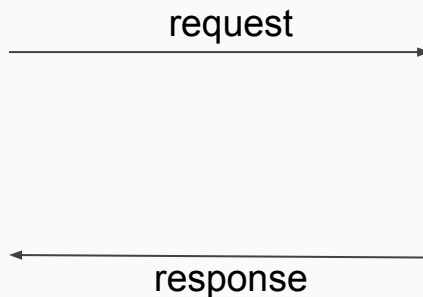The Open Event Ecosystem is built on the following tools:

- Back-end - Python with Flask, on top of PostgreSQL database
- Front-end - emberJS
- Open Event Android - Kotlin
- Open Event Orga App - Java (mostly)
- Open Event iOS - (Swift)
- Open Event Webapp Generator - Node.js + Express.js

My GSoC Work

Earlier, Eventyay was a monolithic system (the version 1)

request →

← response

Client
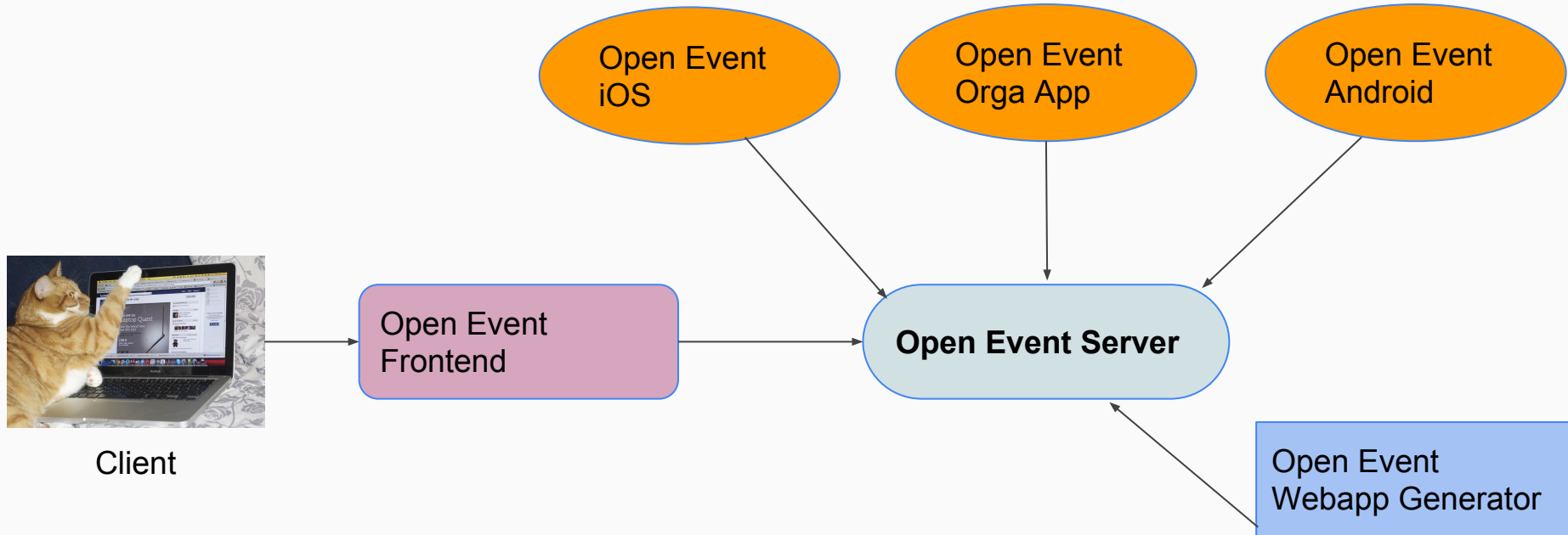
System - everything in one place

My GSoC Work

My job was to modularize the system. Eventyay was 'broken' into the following parts:

- Front-end
- Back-end
- Android app
- iOS app
- Separate android app for event organizers
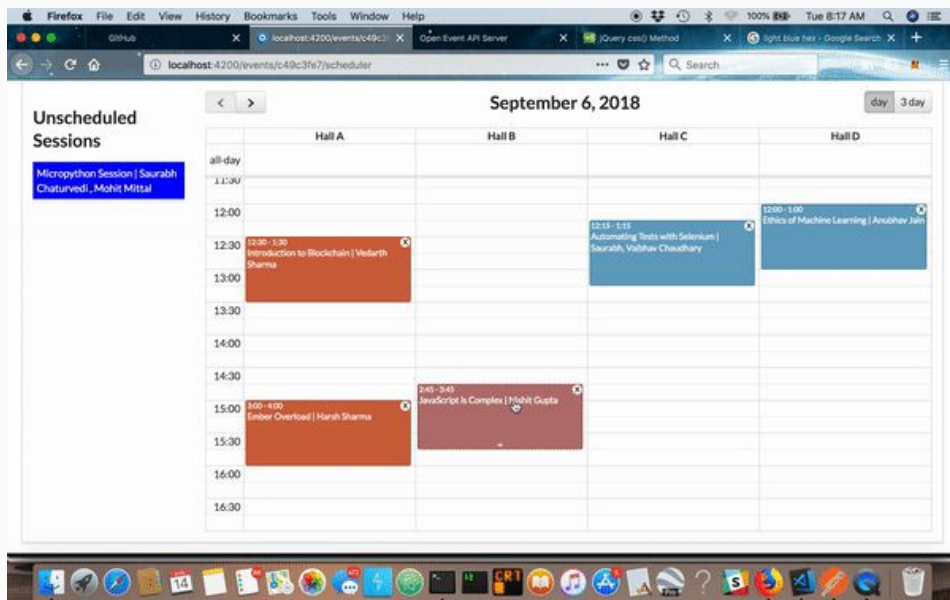- A webapp generator

This modularized system (version 2) is now called 'Open Event'
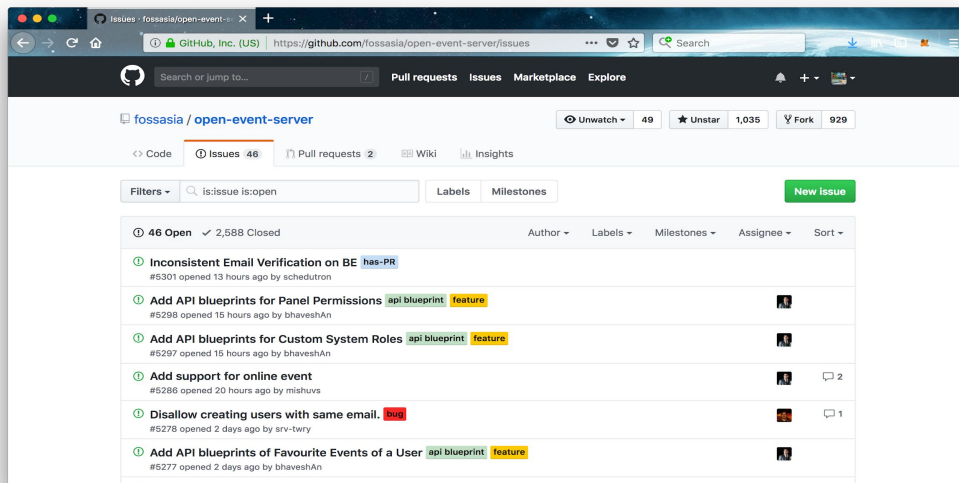
My GSoC Work

Final Days

During the 3rd evaluation, I worked on implementing session scheduler on FE

How to Contribute

There are lots of open issues. We need more contributors!

Tools to Learn

For contributing to Open Event Server, you need to learn the following:

- Git and GitHub
- Python, Flask, Postgres
- Postman
- JSON API Spec (jsonapi.org)

Thank You

Also, questions?