



MICHAEL WICKY

SOFTWARE DEVELOPER

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Education

Bachelor of Science
Computer Science
Western Michigan University
Sep 2010 - Dec 2013
Kalamazoo, MI

Expertise

- Python (Django)
- API development
- SQL (MySQL, SQLite)
- Cloud (AWS, CloudSigma)
- WebServer (Apache, Nginx)
- TypeScript (Angular, RxJs)
- App dev (Lua, Solar2D)
- Node.js
- HTML/CSS
- Redis
- Linux
- Celery (python periodic tasks)

Additional Skills

- Google Video Ad Certification
- Multilingual (English & German)

Summary

Dedicated 11-year startup veteran, sole backend developer, and part of a two-person frontend team. Proven ability to tackle diverse challenges independently. Specialized in Django, Python for backends, and Solar2D, Angular for frontends.

Experience

WickeyWare LLC Coldwater, Michigan 2012 - 2014

Fullstack Software Engineer

StatStory Ad Manager 2022 - 2024

- Developed an iOS and Android App enabling users to promote YouTube videos as Google Ads in-stream video ads. Over 2.5 million views have been delivered.
- Designed and implemented a robust Python/Django API backend, facilitating seamless order processing between the server and Google Ads accounts.

WickeyAppStore Webapps 2018 - 2021

- Developed several Angular/TypeScript web applications hosted on the WickeyAppStore platform. Designed and implemented a robust Django API backend, facilitating seamless order processing between the server and the Google Ads account.
- Notably, created "Hashtags" a web app version of our iOS and Android apps. You can find a complete list at the following link, though the weather app no longer works since Apple purchased DarkSky and shut down their API.

<https://wickeyappstore.com/developer/wickeym>

WickeyAppStore 2017 - 2021

- Led the development of a Progressive Web App (PWA), using Angular/TypeScript, with capabilities resembling traditional app stores, including single sign-on, in-app purchases, reviews, and search functionality.

<https://github.com/wickeyware/wickeyappstore>

- Constructed the Django backend for essential APIs and implemented periodic tasks using Celery.
- Developed a Node.js server for server-side rendering of <https://wickeyappstore.com/>
- Created infrastructure on AWS to host new webapps as a subdomain on our wickeyappstore.com domain as well as implemented all of the needed AWS APIs to handle this process seamlessly.

StatStory Hashtags 2015 - 2024

- Contributed to the development of iOS and Android apps offering relevant hashtag suggestions.
- Designed and built the Django backend to support necessary APIs and periodic tasks using Celery.

Mines of Mars 2014 - 2024

- Developed and constructed the Django backend to facilitate essential APIs, managing a player base exceeding 1.3 million players.
- Integrated the server APIs within the application.

InstaLiker 2013 - 2014

- Engineered a horizontally scalable API backend on RackSpace using Apache, Django, and MySQL for an Instagram Like trading app.
- Successfully managed high traffic, handling multiple thousands of requests per minute at peak popularity.

Brandenburg GmbH Paderborn, Germany 2012

Internship

Worked with XSLT transformations to extract comments from code to generate documentation using Doxygen. Brandenburg GmbH, located in Paderborn, Germany, is the company behind LucidShape and LucidDrive, which is used to aid auto manufactures in automotive lighting.