Ahmed Thabet github.com/xmonader (+20) 1143344150

Hi, I'm Ahmed Thabet.I'm a Cloud Software Engineer with 3 years experience, been programming in Python for +10 years and I wrote couple books on Python, Ruby, and Nim, and I use Golang at work.

Experience

- Codescalers: Senior Software Engineer (April 2016 - Now) Development of new cloud tools that is used to manage infrastructure, virtual machines and containers.
- Otlob.com: Data analyst (Freelance) extracting audio fingerprints from huge video datasets for marketing campaign evaluation.
- Orascom Telecom: Freelance PHP/CodeIgniter project to manage their internal servers conditioning information moving away from Excel sheets

Work

Codescalers

- CRM: lead the development of a generic CRM system for threefoldtoken foundation (python, flask, uwsgi, sqlalchemy, flask-admin, postgres, graphql, docker, bash, oauth2)
- 0-Disk:Developed a network block device (NBD) server with multiple backends for storage. The project was later replaced with 0-db (tarantool, fio, lua)
- AYS: agentless orchestration infrastructure as code and built on top of Jumpscale framework. It's used to provision virtual machines, deploy containers, services and it handles the orchestration and dependencies for the applications. Developed the Events system, background task, service templates for owncloud, s3, php, nginx
- OpenVCloud: cloud platform based on libvirt and Python. Developed new tools for it to improve monitoring and alerting system, and multiple health checks hardware components (e.g IP watcher, dead routeros, fans, power supplies, temperature)
- Jumpscale: Documentation generators tools for Jumpscale7, and Jumpscale8
- IssueManager: portal9 application to provide kanban view over github/gogs of GreenITGlobe. I Created Github Synchronizer, Gogs Synchronizer and Deployment scripts

- More: OAuth provider for Gogs, DMIDecode parser, rtinfo integration, internal development flow automation project (ays_dev_process)

Opensource projects:

- PyGunDB: GUN.js server and client (python, asyncio)
- RAML2Spore: Generate SPORE client from raml specifications
- nim-redisclient redis parser and client for Nim
- vscode-capnp capnproto plugin for vscode
- flask_itsyouonline
- python-pcre
- pyprayertime Defacto standard prayertime library for Python
- helloED Pluggable fast PyGTK text editor
- pyparsec Parser combinator library for Python
- nim-parsecParser combinator library for Nim
- nim-configparser INI Config parser for Nim
- nim-bencode Bencode parser library for Nim
- Pida contributed RegexToolkit and pastebin plugins.

Publications/Translations:

- Nim Days: Practical applications/libraries in Nim language
- Python: Extensive Guide
- Introduction to Ruby
- Translations PyQT4, PyGTK, MonoIronPython, Cairo tutorials into Arabic

Buzzwords

- Python, Ruby, Go, PHP, Nim, Typescript, C, Bash, Scheme, Haskell
- Databases: MySQL, PostgreSQL, MongoDB, Redis
- APIs: swagger, raml, and GraphQL
- Frameworks: Web Frameworks/Tools: Flask, Flask-admin, Sanic, Django
- Continuous Integration: Docker, travis-CI # Education/Languages
- BS in Electrical Engineering, Helwan University, Cairo, Egypt
- English: Business Level (speaking, reading, writing)
- German: Limited working proficiency (A2)