

Backend Developer (Volunteer) Backend Developer (Volunteer) Software Developer - Amp Agency
Van Nuys, CA Highly passionate software developer who's a team player and a quick learner.
Hands-on experience on multiple, large-scale web applications. Involved in all phases of the
development lifecycle from design and analysis to implementation and maintenance. Work
Experience Backend Developer (Volunteer) Hack for LA - Los Angeles, CA May 2019 to Present
Contribute to city projects addressing LA region's civic issues Continuous development of software
utilizing Django and React frameworks Software Developer Amp Agency - Los Angeles, CA July
2018 to June 2019 Backend and some Frontend development and support for large scale web
applications including LAPHIL.COM, HOLLYWOODBOWL.COM, MARUCHAN.COM and
GENTLEMONSTER.COM Attended daily standups, code reviews, client meetings and posted
scrum task updates in an agile team of project managers, devops engineers, and frontend
developers Developed web apps with Django, Django CMS, Webpack and React Managed
projects using Git, Makefiles, Docker containers, and AWS services Collaborated with front-end
developers and QA team Wrote documentation for projects and APIs in Markdown Python
Developer Pure Algo April 2017 to July 2018 Developed and maintained various Django and Flask
applications for multiple projects Attended client meetings and effectively communicated technical
issues Managed code and infrastructure in development, staging and production environments
using various tools including Docker, NGINX, Gunicorn, and Supervisor. Code reviews and
test-driven development Built infrastructure on AWS from the ground up Software Developer
AgileMetrix May 2016 to March 2017 Ported existing code from MATLAB to Python 3 Continuous
development of live trading algorithms using various Python libraries Worked with data provided
by IQ Feed and IEX exchange web APIs Developed a backtest system to test and evaluated
robust and profitable trading strategies. Utilized various machine learning techniques for strategy
optimization including Genetic Algorithm. Generated daily reports and statistics of algorithm's
performance Migrated and deployed web infrastructure onto AWS cloud Education Bachelor of
Science in Mechanical Engineering in Mechanical Engineering California State University May 2013
Skills Git (4 years), Javascript (2 years), Python (4 years), Amazon Web Services (3 years), Django

(4 years), Visual Studio Code (2 years), MYSQL, PostgresSQL, Ubuntu, Flask Links

<http://www.github.com/mostafa-abdo>

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