Mr. William Mantly

Developer & Technologist

wmantly@gmail.com

(347) 559-1493
github.com/wmantly

Experience

Consultant for *Theta 42*, November 2017 - present
  Refactored, deployed and documented ongoing projects written in NodeJS and Python.
  Consulted on planning and architecture of new projects.
  Managed sprint cycles for development teams.
  Created proper staging and development environments for many projects.
  Audited repos for security and stability issues.

Head Instructor for *Byte Academy*, February 2015 - October 2017
  Managed our team of team of instructors to meet students needs.
  Review and approve curriculum changes.
  Instructed courses to a dozen students ranging from beginner to intermediate level on; Python,
    JavaScript, OOP, API's, Design, Testing, Deployment, Linux, and Git.
  Designed and implemented our online platform(ByteDev) using Python, NodeJS, and PostgreSQL.

Lead Developer for **Byte Academy**, February 2015 - October 2017
  Planed out technologies to be used with new projects such as bytedev.co
  Managed internal and freelance developers.
  Worked with integrating API's from GitHub, MailChimp, Fluid Review, Digital Ocean and other into
    our apps.
  Deployed and managed websites backed by Django, WordPress and NodeJS to Digital Ocean and
    other cloud services.
  Lead daily stand up meetings and weekly progress meetings.
  Managed and planned out sprint cycles.
  Managed internal network, VoIP system, Linux and Windows AD Server.

Support Desk Technician for *ITRS America*, January 2014 - October 2104
  Supported clients issued and training needs via email and phone and on-site when needed.
  Working with clients to meet their support and development needs in Windows and *nix systems.
  Instructed clients on how to use the features of our products.
  Wrote modules and UI additions for our 'new technology' using JavaScript and Lua.
  Updated internal documentation to reflect changes to our products.

System Administrator for *Unique Systems*, November 2010 - July 2012
  Manage internal VoIP/video network including hardware from Tandberg, Polycom, APC, and Dell.
  Manage Cisco switches and routers connecting over 140 remote sites.
  Manage Windows server 2000/2003, Windows Active Directory, and Linux servers.
  Created an internal application to configured and managed Nagios using PHP and MySQL.
  Consolidated multiple Norton Ghost images into one to streamline the desktop restoring process
  Provide end user support and training on-site, via phone and internal video network.

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Skills

Python, JavaScript, PHP, C/C++, Lua, Perl, HTML/CSS, bash, Nginx, Apache, Redis, PostgreSQL, MySQL, oauth, Linux(Red Hat and Ubuntu), mac OS, MS Windows(all versions), Virtualbox, LXC, Docker, Cisco routers/switches, VoIP, SIP, git, Djano, Express.js

Projects

Bytedev.co A online learning platform to help new students learn coding. The back-end uses Django and Postgres to ace progress and authentication and NodeJS with Socket.io to communicate with the front end. On the front end, we use Bootstrap with a custom SPA. For authentication, GitHub is used via Oath, and the GitHub API is used to store users code and courses. I also created a automated staging environment witch would automatically deploy changes made to the Git repo and new branches to Digital Ocean, this also set up Apache and PostgreSQL and seeded the database with test data I was the lead developer working with a team of about 5 other developers.

Codeland A supporting project to bytedev, allowing end users to run code in a real Linux environment. This project was modeled after the backend of c9.io . A NodeJS API manages Digital Ocean droplets via the Digital Ocean API to spin up LXC containers on-demand and listens to execute code from a custom HTTP server written in C.

Other: **Linux-user** A NPM package for user management on Linux. **jqSPA** A front end SPA framework written with jQuery. **bitR** A portal pyBitmessage backed by block chain, written with jQuery and Django. **Torrent Buddy** Web based project using ffmpeg and NodeJS to convert and down scale videos from my personal server.

Education

Byte Academy, 2014-2015: FinTech Python
R. Mckee Technical High School, 2001-2005: Cisco Networking Academy.
CompTIA A+ Certification, 2010

Other

Boy Scouts of America 1996-2005 : Completed all requirements for rank of Eagle Scout.
Cisco Academy Award : Best student 2002, 2003, 2004