Daniel Edminster | Full-Stack Developer

(202) 251-5035 | Daniel.Edminster@outlook.com | GitHub | LinkedIn | Portfolio

I am a Washington, D.C.-based Full Stack Developer ready to take on new, complex challenges.
Diligent problem-solver and unapologetic techie with an insatiable desire and motivation to learn.

Skills:

Front-End: HTML, CSS3, JavaScript/ES6, React.js, jQuery, Bootstrap 3/4
Back-End: PHP 5/7, Node.js, Express.js, Python, Django
Databases: MySQL, Postgres, MongoDB
Systems Administration: Linux, FreeBSD, Apache2, RequestTracker, bash

Professional Experience:

Full Stack Developer (Contractor) | January 2017 – Present

Client: Game of Bands | Jan 2017 - Present, Remote
Role: Full Stack Developer, System Administrator
Responsibilities:
- Regular maintenance and upkeep of legacy PHP/MySQL application to handle music data submission, Reddit API & OAuth Integration, and various scripts to run a bi-weekly music creation competition
- Automating database backups using cron, PHP, and MySQLDump
- Refactoring base application to be dynamic expandable beyond legacy hard-coded limits by converting data store from MySQL to MongoDB
- Developed upload and conversion functionality for users' audio files using React.js front-end, Node.js & Express.js backend API, FFMPEG for file conversion, and AWS S3/DigitalOcean Spaces API for file storage. Legacy system relies on SoundCloud for storage and playback.

- Utilized JSON to transmit form data to a Node instance running Express to store, update, and delete data within MongoDB.
- Redesigned user front-end and admin panel using stateful and functional React Components with protected routes, as designated by Reddit API moderator account listing. Made more responsive using flexbox and no additional frameworks.
- Performance tuned audio conversion by allocating dedicated virtual machine resources.
- Lead and brought on a small team of volunteers to do administrative tasks and run the bi-weekly music creation competition.

Environment: HTML5, CSS3, React.js, Express.js, Node.js, JSON, MongoDB, Responsive Design, Ubuntu 18 CLI, DigitalOcean Virtual Machine

Client: Top Notch Co. | Jan 2018 - Present, Ventura, CA
Role: Full Stack Developer
Responsibilities:
- Designed, developed, and maintained an Order Manager application and interactive order form from the ground up using PHP, vanilla JavaScript, MySQL, and Bootstrap 4.
- Used PHP Data Objects, transactions, and prepared statements to securely send and update order data.
- Integrated Google Address auto-completion API to expedite customer experience
- Utilized HTML5 Canvas with JavaScript to provide visual feedback as order customizations are selected.
- Converted canvas to image dataURL to store and watermark each customer's configuration in MySQL database.

- Utilized DataTables API to categorize, search, and sort through order data.
- Created dynamic customer-facing order status page, with admin tools to update
- Developed an inventory management system with image uploads for client's booth events with one-off items.
- Developed analytics for client's revenue stream and customer orders.
- Deployed to DigitalOcean virtual machine with Apache2 and configured SSL.

Environment: HTML5, CSS3, Bootstrap 4.0, JavaScript, PHP5/7, Apache2, Certbot SSL, MySQL Database, Ubuntu 18 CLI, DigitalOcean Virtual Machine

System Administrator | Earlham Computing Services January 2012 – August 2012

Developed, configured, and maintained multiple FreeBSD servers for campus-wide use. Includes Authoritative DNS Server, DNS Caching Server, Request Tracker Server, and DHCP Server. Acquired strong experience in a UNIX environment, problem solving skills, and communication.

Projects:

EnDever
A heavily Tinder inspired Full-Stack Application for connecting developers. Currently in development. Features GitHub Single Sign on with Passport.js via Node, an Express.js API, MongoDB data store and React.js front-end. Built in collaboration with 2 developers in my General Assembly cohort for a project sprint.

DanielEdminster.com
My personal website & portfolio of projects, built with React.js and served with Apache2 and SSL on a DigitalOcean virtual machine.

Education:

General Assembly / Software Engineering Immersive March 2020 – May 2020, Washington, DC
Graduated from a rigorous 500-hour software engineering bootcamp spanning 12 weeks. Built applications with: MERN stack, Django, JavaScript, and responsive front-end design

American University / Majored in Audio Technology September 2014 – December 2016, Washington, DC

Landmark College / Majored in Computer Science August 2012 – May 2014, Putney, VT