

DAN MADERE

HTTPS://DANMADERE.COM DAN@DANMADERE.COM

SUMMARY OF QUALIFICATIONS

Software engineer with twelve years experience in Web development and operations support.

WORK HISTORY

Senior Software Engineer

January 2016 - Present

US News & World Report

Washington, DC

- Developed backend Python/Django code for a high-traffic media Web site, U.S. News Best Cars: <https://cars.usnews.com>
- Created the backend portion of the “car finder” faceted search.
- Implemented revamped logic in car scoring used throughout the site.
- Completed dozens of partner integrations.
- Completed two major Django upgrades. Completed a Python 2.7 to 3.7 upgrade.
- Assisted devops team in migrating from our own hardware to AWS.
- Changed the inventory search from MySQL to Elasticsearch and made other code optimizations, reducing its load time by 88%.
- Completed a sitewide URL restructure and domain name change without hurting SEO.
- Created functionality for dealer-specific pages.
- Mentored six new developers on product, infrastructure and setting up environments.
- Regularly did code reviews, both as the reviewer and as the author.
- Actively participated in sprint plannings, daily standups, retros and product design meetings.

Senior Software Engineer

October 2013 – January 2016

WorkWave

Neptune, NJ

- Developed features on enterprise CRM application for managing pest control and other field service companies.
- Overhauled internal documentation covering development environment setup, allowing new developers to get themselves up and running in hours rather than days.
- Trained three new developers on architecture of application, source control workflows, manipulating application data and completing other common maintenance tasks.
- Wrote complex SQL queries, optimized existing queries and performed one time data updates.

Consultant

March 2013 – April 2015

Bizyhood

Remote

- Developed a Django application for start-up offering small business marketing tools.
- Completed projects requiring a variety of skills including consuming REST APIs, building a front-end with AJAX, designing a DB schema and authenticating users through OAuth.

EDUCATION

B.A. History, Pennsylvania State University, State College, PA

LANGUAGES AND SKILLS

- **Python:** Django, Django REST framework, requests, allauth, ansible

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- **Ruby:** Rails, minitest, devise, HAML, resque, sinatra, capistrano
- **Web:** XHTML, CSS, JavaScript, jQuery, Leaflet
- **Database:** MySQL, Postgres, Elasticsearch
- **Deploy:** Docker, Jenkins, Ansible, AWS Elastic beanstalk, EC2, RDS, S3