

G. Dan Madere

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EXPERIENCE

CDK Global • Remote

Staff Software Engineer Sept. 2024 - Present • **Senior Software Engineer** May 2021 - Sept. 2024

- Developed Ruby on Rails code for Roadster, a web application that enables car dealerships to offer a streamlined online car buying experience.
- Optimized response time on several endpoints, mostly driven by debugging slow SQL queries.
- Developed security fixes, including for authentication and XSS issues.
- Achieved zero-downtime deployments using Heroku Preboot.
- Reduced CI runtime by 28% by using VCR gem and more caching.
- Enhanced bot traffic protection by improving fifty Cloudflare WAF rules over time.
- Contributed to developing authentication initiatives, including four SSO federations.
- Provided cross-team support through code reviews and maintaining key Heroku/GitHub access for engineering teams.
- Supported international team onboarding, helping the new team adopt the Roadster stack through weekly office hours, group discussions, and PR mentorship.

U.S. News & World Report • Washington, DC and Remote

Senior Software Engineer Jan. 2016 - May 2021

- Developed features and bugfixes for U.S. News Best Cars, a Django application focused on car reviews and lead generation integrations.
- Developed a "car finder" faceted search using Elasticsearch, reducing its load time by 88%.
- Led efforts to change domain name and successfully preserved our SEO on thousands of URLs.
- Resolve ops issues and configure New Relic for optimal performance and monitoring.

WorkWave • Neptune, NJ

Senior Software Engineer Jan. 2016 - May 2021

- Developed features on existing classic ASP application, an enterprise CRM 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.

TECHNOLOGIES USED - Ruby on Rails, Django, Ruby, Python, Postgres, Elasticsearch, Redis, Heroku, New Relic, Cloudflare, Docker, Ansible

EDUCATION - B.A. History • Penn State University • 2007