

Rory Dunn

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Summary: Accomplished engineer, specializing in site reliability, scalability, and observability within cloud infrastructure and cloud hosted applications. Expert in automated tooling and continuous process improvements that enhance uptime and performance. Loves learning, collaborating, and problem solving with the end goal of delivering business effective software solutions.

Skills

- **Technical Skills:** Docker; AWS (Five Pillar Framework, EC2, ECS, ALB, RDS, S3, Cognito, etc.); CDNs; Linux; Jenkins, CircleCI; Terraform; Datadog; bash; Python; MySQL; PHP; Git; Nginx; Apache; automated testing
 - **Soft Skills:** Problem Solving; Planning; Prioritization; Vendor Management; Public Speaking
 - **Certifications:** AWS Solutions Architect Associate, AWS Certified Cloud Practitioner
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Professional Experience

The Muse, New York, NY

Nov 2019 - Present

Senior Platform Engineering Manager

Jun 2023 - Present

- Leading the platform team in the management and operational oversight of the company's AWS infrastructure, code deployments, data ETLs, monitoring, and overall application health
- Maintaining 99.99% uptime through resilient cloud architecture, developer friendly tooling, standardization, and an effective post mortem process
- Led technical due diligence and successful integration of an acquired company's platform, streamlined systems and processes to enhance overall operational efficiency and to a save ~\$180k annually in cloud costs
- Elevating the application teams' proficiency in monitoring and debugging, significantly enhancing their capabilities in maintaining system uptime and performance.

Senior Devops Engineer

Oct 2021 - Jun 2023

- Architected and creating technical solutions using AWS resources and infrastructure as code
- Mentored engineers on use of AWS, Docker, monitoring
- Collaborated with product and data teams on cross company initiatives
- Managed the deployment, monitoring, and hosting of over 40 AWS ECS hosted microservices

Devops Engineer

Nov 2019 - Oct 2021

- Contributed to a reduction in launch time of new applications by more than 66%
- Established CI/CD pipelines using CircleCI for automated testing and deployment to AWS
- Dockerized new applications for ease of local development and accurate testing and deployments
- Leveraged knowledge of AWS, Docker, scripting, and continuous integration

Software Engineer | UBM/MJH, New York, NY

Sep 2018 - Nov 2019

- Dockerized our applications for local development to shorten development cycles
- Built out CI/CD pipelines for automated testing and deployments to AWS
- Used PHP, MySQL, Git to build and extend high traffic web applications
- Leveraged knowledge of back end development, Git, CI/CD, bash scripts, and AWS

HIMSS, New York, NY

Oct 2016 - Sep 2018

Lead Engineer

Dec 2017 - Sep 2018

- Lead engineer on a suite of AWS hosted, digital publishing and learning products that generated over \$20m in annual revenue and served over 24 million page views annually
- Lead 2 development teams, devops, and coordinated efforts with project managers, designers, and stakeholders to create new web applications and mobile application back ends
- Optimized the development and release workflow using Git, Jenkins, and bash scripts

Software Engineer

Oct 2016 - Dec 2017

- Wrote portable, reusable PHP modules which could be utilized across a network of over 100 websites
- Evaluated new projects to determine technical requirements, solutions, and provide timelines on work
- Trained other developers on Git workflow and automated testing

Applications Developer | Northcross Group, Portland, ME

Aug 2015 - Oct 2016

- Used php, and mysql to build SaaS products for use in the banking industry
- Created and maintained fully automated CI/CD pipelines for code deployment and environment creation using Jenkins and bash scripts
- Wrote automated tests utilizing Behat, Mink, and Selenium

Process Engineer | AVX, Biddeford, ME

May 2012 - Aug 2015

- Implemented process improvements to drive manufacturing efficiency and create higher quality products
- Managed multiple projects with immediate and long term deadlines to meet customer needs
- Collaborated with department managers, engineers, shift leads, and facilities workers to ensure effective communication in order to optimize the efficiency of efforts

Other Projects***saleslight.io***

Nov 2017 - Nov 2021

- Started a company around a SaaS lead generation and prospecting tool I developed for use in the commercial insurance industry
- Utilized technical, management, and interpersonal skills to work with potential customers and deliver a functional product

Education***University of Maine, Orono, ME***

May 2012

B.S. in Mechanical Engineering*Semester abroad - Hull England, Group Leader - Senior Design Project*