Brian Jinwright

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Summary

A seasoned software engineer and engineering manager with a rich background in leading engineering teams, delivering mission-critical applications, and extensive experience in Django web development. Skilled in leading scrum and non-scrum engineering teams, I have a strong track record of successfully managing projects and delivering high-quality solutions.

Employment History

Engineering Manager, Xplor - (TrueCoach)

Location: Boulder, CO (Remote) | April 2021 - May 2023

- Led the engineering team, overseeing the development and delivery of features and bug fixes for mission-critical applications.
- Implemented measures to enhance the onboarding verification process, significantly reducing fraud.
- Successfully decreased AWS costs by 75%, resulting in a substantial annual saving of $500k.
- Strengthened the hiring and onboarding process to build efficient and cohesive teams.
- Led a project to refactor Stripe integration, resulting in a 15% increase in revenue.

Test Automation Engineer, Xplor - (Triib Inc.)

Location: Boston, MA (Remote) | July 2019 - April 2021
- ● Led the test automation effort, ensuring applications were well tested, performant, and efficient, utilizing Django for a SaaS application.
- ● Implemented Docker CI/CD for development servers, improving development workflow and deployment processes.
- ● Improved test coverage and documented better test practices using Django.
- ● Fixed numerous bugs with the Triib application.
- ● Managed multiple AWS services, including EC2, S3, load balancers (ELB Classic and ALB), Route 53, Elasticache, RDS, VPC, CloudFront, Global Accelerator, ECS (Fargate), and Cloudformation templates.

Senior Site Reliability Engineer, MetaMetrics Inc.

Location: Durham, NC | January 2017 - July 2019
- ● Led the DevOps team, ensuring applications were accessible, performant, and efficient through careful automation and planning, utilizing Django for various services.
- ● Automated CI/CD deployment using Bitbucket Pipelines to deploy VPC services using AWS ECS Fargate or Zappa (Lambda).
- ● Migrated all services (20+) from EC2 based deployments to either AWS Lambda or Docker with AWS ECS Fargate deployments, leveraging Django.
- ● Managed Docker deployments with ECS and ECS Fargate for Django applications.
- ● Added comprehensive logging with Papertrail and comprehensive monitoring with Datadog.
- ● Most of the applications that I was responsible for were Python/Django applications.
- ● Architected a Single Page App based application that uses Amazon Cognito with JWTs, API Gateway, and Swagger templates for all APIs, leveraging Django.

Senior Software Engineer, MetaMetrics Inc.

Location: Durham, NC | January 2016 - January 2017

●● Leveraged AWS through Python, involved in DevOps decisions, API architecture, writing open source, and educating Junior Engineers on Python best practices.
●● Development using Python and Django with multiple software and database systems.

Senior Full Stack Developer, Capstrat (now Ketchum Raleigh)

Location: Raleigh, NC | January 2015 - March 2016
●● Worked on three large-scale Django/Python applications as a full-stack developer.
●● Instituted new practices such as agile practices and revised project management protocols.

Senior Software Engineer, MetaMetrics Inc.

Location: Durham, NC | April 2010 - January 2015
●● Led development efforts for Lexile.com and other connected brands, utilizing Python and Django.
●● Responsible for HTML/CSS implementation across various sites.

Independent Contractor (Django Web Developer), Semiconductor Research Corporation (SRC)

Location: Durham, NC | September 2009 – April 2010
●● Developed Django-based solutions for SRC.org.

Independent Contractor (Django Web Developer), Portland Studios

Location: Greenville, SC | January 2009 – January 2010
●● Utilized Django to develop solutions for Ligonier.org.

Webmaster, Wofford College

Location: Spartanburg, SC | July 2006 – August 2009

- ●● Managed a team of six and received awards for interactive map design.
- ●● Developed applications using .NET and Django.

Web Developer, Norfolk State University

Location: Norfolk, VA | May 2005 - July 2006
- ●● Developed internal tools and web applications in PHP.
- ●● Key contributor to the main nsu.edu website, including the alumni giving page.

Webmaster (Office of Continuing Professional Education), George Mason University

Location: Fairfax, VA | December 2004 - May 2005
- ●● Redesigned the website and upgraded server security.
- ●● Developed PHP applications to enhance functionality.

Open Source Projects

- ●● Warrant
- ●● Docb
- ●● Kev
- ●● Envs

3rd Party Contributions

- ●● Zappa (Core Developer)
- ●● Apache Libcloud
- ●● Django Dynamodb Sessions

Education

B.A. in Psychology, Hampton University, Hampton, VA., May 2004
This revised version highlights the person's extensive experience and achievements in Django web development throughout their career, specifically mentioning Django

involvement in the Test Automation Engineer and Senior Site Reliability Engineer roles.