Devon Ring

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Profile.

Software engineer with expertise in the product development and operations of distributed web applications. Comfortable implementing front-end and back-end user experiences, APIs, managing server side scalability and concurrency, as well as deploying and administering cloud-based solutions. Product focused, customer driven and deeply passionate about solving interesting problems.

I actively contribute to open source tools and projects available on my github.com/dring1 .

Education

Carleton University (2009-2014)
- Computer Science Honours, focus in computer and internet security.

Professional Experience

ConceptShare - Full Stack Developer & Feature Development Lead
August 2016-Present
Technology stack: C# .NET Core, Javascript, Docker, Kubernetes, MS SQL
- Technical lead on ConceptShare web content review and approval.
  First to market enterprise friendly and fully capable live website review and approval system.
- Inventor of provisional patent pertaining to review and approval of live websites.
- Lead developer for ConceptShare Jira integration on the Atlassian marketplace.
- Instrumented and integrated legacy application with New Relic.

BlackBerry - Full Stack Developer & DevOps
May 2014-July 2016
Technology stack: Cassandra DB, Elasticsearch, Vertx, Docker, NodeJS, AngularJS, Ruby, Java, Scala, Redis, Jenkins, NodeJS, Bash, Golang.
- Designed and developed, as member of a small team, a solution for tracking shipping containers worldwide, leveraging the BlackBerry Internet of Things platform.
- BlackBerry Radar lead devops. Responsibilities included developing and managing continuous integration and deployment pipeline, managing staging and production environments on AWS, reacting to metric driven alerts off business hours, and meeting customer SLAs.
- Designed and developed Asset Tracking Demo used for Consumer Electronic Show 2015.
- Moved the Radar development team from internal gerrit git hosting to GitHub.
- Designed and implemented components to enable scalability, security, and searching for the BlackBerry IoT platform.
- Refactored core parts of BlackBerry IoT platform from ruby to scala.

Personal Projects

Beards And Bitters - beardsandbitters.com Owner & Operator

April 2017-Present

- Operate men's grooming and cocktail hobbies online retail store.
- Design, manufacture, and test all products.
- Integrated product suite with Shopify storefront.
- Responsible for sales, trade shows, advertising and social growth.

lousylandlord

Technology stack: NodeJS, AngularJS, MongoDb.

- Offers users the tools to contribute rental property addresses and comments of negligent landlords.
- Google Maps integration to visually show the location of landlords' rental properties.

gopheringdj

Technology stack: Golang, web sockets, ReactJS, Redux, BoltDb, JWT.

- Allows users to stream the newest music submitted to the music subreddit.
- Implemented using Single Page Application architecture.
- The web application (frontend) accesses the RESTful API server securely using json web tokens, leverages github OAuth to authenticate users.

Technical Skills

Software Development

- Prototyping, Agile Development, Test Driven Development, 12 Factor Application
- Ruby, Rails, JRuby, .Net Core, Golang, Shell, Bash
- Javascript, ES6, NodeJS, ReactJS, Redux, AngularJS, Grunt, Gulp, Webpack, HTML, CSS, SASS
- Git, Github, Gitlab, Gerrit
- AWS - EC2, S3, CloudFront, Beanstalk, Elasticache, Elastic Container Service
- Microsoft Azure
- Distributed logging
- NoSQL and SQL Databases
- Docker, Vagrant
- OSX, Linux, Unix
- Elasticsearch

Tools & Services

- Slack, FlowDock, Jira, Target Process, TeamCity, Jenkins
- Datadog, OpsGenie, PagerDuty, New Relic, Zen Desk, Grafana, Kibana

References available upon request.