

Oshan Wisumperuma

Software Engineer skilled at technical leadership, communication and presentations. Experienced in full project lifecycle from design to implementation to integration.

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EXPERIENCE

99X Technology — *Software Engineer*

Jan 2017 - PRESENT

- Refactored legacy SaaS application codebase to caterer the latest business and performance requirements.
- Built lots of reliable backend worker processes to handle complex PDF, Excel generation and business domain tasks.
- Improved performance of the application by MongoDB query optimization, application fine-tuning and implementing the backend cache.
 - Made Rspec test suite to run 11x faster(55 min to 5 min)
- Upgrade Rails framework from 4.1 to 5.2 and Ruby from 2.1 to 2.4 along with the other dependant gems with minimal impact on users.
- responsible for managing GDPR compliance and fixing security vulnerabilities using brakeman, rubocop and rack-attack.
- Implementing monitoring solutions like New Relic and Monit.
- Improved the full-text search powered by Elasticsearch with i18n support.
- Mentoring team members in the technical progression.
- Constantly communicate with our stakeholders to groom Stories and worked with the remote engineers following Agile practices.
- Solved really hard problems like memory leaks using VisualVM and JRuby.

Fidenz — *Software Engineer*

March 2016 - Jan 2017

- Refactored Location Tracking System
 - Switch to Amazon DynamoDB(NoSQL) for save GPS data
 - Refactored Ruby Codebase by using Rubocop, Brakeman
 - Migrate EmberJS version 1 codebase to version 2
 - Reduced Response Delay of APIs by using Background job processing System (Sidekiq)
 - Provided TDD and extensive unit-test coverage.
 - Make Push notification System for Mobile Devices Using Amazon SNS

SKILLS

Ruby on Rails
Ruby Grape - REST API
Capistrano Deployment
Rspec - Unit Testing
Git version control
Sidekiq - Job Queue
Swagger - API Documentation
MongoDB
Elasticsearch
Mysql
Postgresql
Redis
AWS
JIRA

Open Source Contribution

<http://github.com/oshanz>

<http://sourceforge.net/u/gnu2all>

Profiles

<https://stackoverflow.com/story/oshanz>

<https://www.linkedin.com/in/oshanz>

- Build Learning platforms
 - Migrate from Wordpress to Ruby on Rails Backend
 - Integrate with Moodle for course management
 - Designed and Develop Restful APIs from Grape for Angular Frontend
 - Used Amazon Web services for reliable, scalable cloud Computing (EC2, S3, RDS)
 - Integrated the web application with Authorize.net merchant gateway for processing payments

Emerge — Associate Software Engineer

June 2015 - February 2016

- Was responsible for develop Restful web services for Angular Frontend
 - Used Laravel with Doctrine ORM for Backend
 - Follow Test Driven Development using PHPUnit
 - Reduce Disk IO by using Redis
 - Maintain coding standard by using CodeSniffer and CS Fixer
 - API Documentation was completed using Swagger Framework

EDUCATION

University of Colombo School of Computing — *Bachelor of Information Technology*

2014 - Undergraduate

Mahinda College, Galle — General Studies

1996 - 2010

Certifications

Red Hat certified System Administrator

License Number: 0140-100-967

Advanced Business Solution Developer — IJSE

Develop JAVA EE Applications

Comprehensive Master Java Developer — IJSE

Develop JAVA SE Applications