Oshan Wisumperuma

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

Bogahagoda watte,
Kapuhempala,
Galle,
Sri Lanka
+94 772 189 584
warunaoshan@gmail.com
Skype: **oshan.wisumperuma**

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.
- Took responsibility for fixing security vulnerabilities and maintain clean code 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(German) 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
    - Amazon DynamoDB(NoSQL) for preserve 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

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

https://www.goodreads.com/oshanz

Amazon SNS

- 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