Sinaru Gunawardena

Senior Software Engineer

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Dublin, Ireland

Versatile software developer with more than 9 years experience in the field of web application development. Consistent learner, focus on improving skills, collect and share new knowledge while contributing the best to the organization. A team player with collaboration experience in Scrum and Kanban teams.

Development • Ruby • Ruby on Rails • ReactJS • ES6 JavaScript • Vue.js 2
Database • PostgreSQL • MongoDB
Testing • MiniTest • RSpec • Jest • Capybara
Version Control • Git • GitHub
Platforms/OS • Heroku • AWS • Linux

Work Experience

Senior Software Engineer

Kubicle / Dublin, Ireland   January 2023 - Present

• Refactored external LMS integration code to improve maintainability by extracting and separating responsibilities to appropriate modules and introduce new LMS integrations to increase business feature value

• Improved DB query performance by factor of 100x for critical application endpoints which includes exam, project submissions. As a result, reduced timeout errors, and enhanced learner experience and productivity

• Continue to improve architecture scalability and performance

• Set development standard practices for the growing team

Skills Ruby on Rails   React   Ruby   Heroku   PostgreSQL   CircleCI   Delayed Job

Senior Software Engineer

Edge by Ascential / Dublin, Ireland   July 2021 - October 2022

• Worked on the industry-leading ecommerce analytics SaaS platform mainly implementing and maintaining web API endpoints and also work on front-end as per the necessity of the team

• Drove the migration of the legacy search report to the newer data API based on JSON:API spec and React platform where the API endpoints are designed to return specific data for the UI to easily digest and render

• Senior role in code review, and fostering junior developers to write effective production quality code

Skills Ruby on Rails   React   JSON:API Specs   Jest   PostgreSQL   MySql   RSpec   Redis   Snowflake   Looker   BitBucket   Codefresh

Software Developer

Longboat (acquired by Advarra. Inc) / Dublin, Ireland   August 2020 - July 2021

• Took ownership of migrating existing functionality and features of the Clinical Trial Technology Platform to new platform based Ruby on Rails 6 for API and Vue.js for front-end

• Implement new features in an API first approach for the new platform

• Updated one of the core application (gateway) of the platform from Rails 4.2 to Rails 6.1 with Ruby 2.7.1

Skills Ruby on Rails   Vue.JS 2   Jest   MiniTest   PostgreSQL   Redis   Pundit authorisation   Sidekiq   Tailwind CSS   Lodash   Codeship

Software Developer

Lonely Planet / Dublin, Ireland   March 2016 - June 2020

• Developed and maintained front-end and back-end of the multi-purpose Ruby on Rails CMS for Lonely

Planet's content ingestion, editing, and publishing of books in an agile team following best practices

• Maintained AWS infrastructure by utilizing IaC tools such as Chef and troubleshoot issues following an on-call rotation

• Mentored new team members to get them up-to-speed to work in CMS and multiple number of projects related to the CMS

Skills Ruby on Rails Ruby ES6 JavaScript Backbone.js PostgreSQL AWS Jenkins ChefDK SASS/CSS Cucumber Rspec Jasmine Git/Github Docker Vault Packer Vagrant Logstash PagerDuty Envato StackMaster

Full Stack Web Developer - Freelancing

Creotex / Kandy, Sri Lanka   ▦ **January 2015 - January 2016**

• Developed and maintained web apps based on Laravel PHP framework

• Worked with local and international clients to develop WordPress websites including customized themes and plugin development

Skills PHP Laravel MongoDB MySQL Google Maps API OpenShift Wordpress

Test Automation Engineer

Zone24x7 / Colombo, Sri Lanka   ▦ **July 2013 - December 2014**

• Developed automation test scripts based on Cucumber, Ruby, and Selenium Webdriver. Build, run and analyze daily test results on Jenkins servers and report defects for two Tier 1 US retailer websites

• Developed JavaScript test scripts to run on PhantomJS for automation of a JavaScript based plugin for an eye tracking project

• Worked in an email system project of US Tier 1 retailer to conduct regression testing on new releases

• Handled multiple projects while supporting team members and occasional contribution to mini projects

Skills Ruby Cucumber Selenium Webdriver PhantomJS

Associate Software Engineer

Allion Technologies / Colombo, Sri Lanka   ▦ **January 2013 - April 2013**

• Implemented new features on a merchant friendly Mobile Marketing application which includes handling daily deals, special discounts and rewarding system for its loyalty customers in Canada and the USA

Skills PHP Yii MySQL

Education

Bachelor of Science in Information Technology

University of Middlesex / London, United Kingdom   ▦ **2012**

• Scholarship for a masters programme for the best ICBT student (2011/ 2012) – Awarded by Middlesex University London, UK. *ICBT was the affiliated college in Sri Lanka for University of Middlesex.*