

Banura Randika Perera

Software Engineer | Ruby on Rails

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Experienced Software Engineer with a demonstrated history of working in the computer software industry. Skilled in **Ruby, Python, Java, Javascript, Go, and Linux**. Strong engineering professional with a **Bsc (Hons) Information Technology specialized in Software Engineering**. Focused on learning new technologies while keeping up with ever changing software industry.

📁 PROFESSIONAL EXPERIENCE

Swivel Tech, Associate Technical Lead 2023 – present

99X, Senior Software Engineer / Associate Technical Lead 2022

Working on a ERP SaaS Ruby on Rails application built to automate complex chains and opened a completely new field of trading between production, supplier, office, importer, wholesaler and end customers.

Zone 24x7, Software Engineer / Senior Software Engineer 2021

Working with an international team to implement an enterprise level Ruby on Rails application for telecommunication provider.

- Learned more about advance usage of Ruby language. Also learned about the Go language for the code migration.
- Created API automation tests using Java.
- Features add with unit tests and later integration tests was implemented.

Fidenz Technologies, Associate Software Engineer 2019

Advanced knowledge of web application technologies gained. Had experienced the project from start to end with releases to the client.

- Able to master the Ruby on Rails web framework and successfully deployed production version of a Ruby on Rails application.
- Gained experience with customer interactions and how to handle customer on technical issues.
- Maintained a few currently developing projects with new feature adding, bugfixes.
- Also developed a project from start and also while handling the deployment of that product as well.
- Looked to learn more technologies such as Docker, Java and C# and .NET. Implemented a Springboot application 🔗 with GraphQL API and Elasticsearch.

📁 PROJECTS

Order Management System for Telco Platform

This is Ruby on Rails project built for handling orders for telecommunication giant in Singapore. Worked with a international team across the world to implement new features and plans for customers to buy and interact with.

- Used technologies - Ruby, Rails, Jenkins, Rollbar, PostgreSQL, Java

Platform for Doctors and Dosimetrists

This project has built using Ruby and Rails Platform to connecting Doctors and Dosimetrists. Both the front end and the backend were developed from start to finish(Phase 1). This project also used cutting-edge technologies such as Web sockets (StimualsReflex) and others.

- Used technologies - Ruby, Rails, PostgreSQL, WebSockets, AWS, HTML, CSS, JS

Platform for Yoga Enthusiasts

This project was to connect yoga classes and establishments with yoga enthusiasts in Australia. This was most developed and I had added new features to the current application while improving the code quality.

- Used technologies: Ruby, Rails, PostgreSQL, AWS, Stripe, HTML, CSS, JS

Ruby Gem Development (Open Source)

Developed Ruby Gems(Plugins) to distribute as open source projects. These include [Activeadmin](#) [Google Places](#) and [SEO solution for Rails](#) .

Sri Lanka NIC Generator and Validator (Open Source)

This is a project to implement a Generator and Validator for Sri Lanka National Identity Card (NIC). This is currently an [API only project](#) build using a state-of-the-art programming language of Go.

Bone Abnormality Detection

Developed a [Bone abnormality detection system](#) for the final year research project using machine learning and deep learning based state-of-the-art techniques.

- Used technologies - Python, Notebooks, Keras, TensorFlow, Linux, ReactJS, HTML, CSS, JS

EDUCATION

Sri Lanka Institute of Information Technology,
*Bsc (Hons) Bachelor degree, Information Technology
specialized in Software Engineering*
2017

Taxila Central College, Horana,
Advanced Level in Physical Sciences
2015

SKILLS

Ruby	Rails	HTML	SQL
Javascript	AWS Technologies		
Java	Python	Go Lang	

AWARDS

Excellence Academic Recognition,
Sri Lanka Institute of Information Technology

2019

CERTIFICATES

Data Analytics Fundamentals
AWS certification - 2023

Getting Started with Amazon DocumentDB
AWS Certification - 2023