

# Girija Viswanathan

## Software Engineer



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[/in/girijaviswa](https://www.linkedin.com/in/girijaviswa)



[girijaviswa/portfolio](https://girijaviswa.github.io/portfolio)



[github.com/GirijaViswa](https://github.com/GirijaViswa)

### Technical Skills

Programming Languages	Ruby, Python
Web Technologies	HTML, CSS, Javascript, React, Redux, Ruby on Rails
Database Technologies	MySQL, PostgreSQL
Delivery Methodologies	Waterfall, Agile (Scrum, Kanban)
SCM & Project Management Tools	Git, Jira

### Professional Experience

#### Software Engineer / Project Engineer

Oct 2014 - Sep 2017

Wipro Limited, Tamil Nadu, India

##### → Standard Bank of South Africa

- Developed backend applications interacting with Clients using SAP ABAP to automate banking processes
- Frontend applications developed using Python & Django to showcase the built backend applications
- Exposed to agile methodologies such as Scrum and Kanban
- Used Jira as the tool for project and quality management

##### → National Grid

- Developed backend applications using SAP FICO & HR modules
- Coordinated with on site team for release deployment activities and exposed to waterfall methodology

**Awards** - Toppers Award, Talent Transformation, Wipro Limited

#### Full Stack Web Development Student, Software Engineering Immersive

Dec 2019 - Mar 2020

Flatiron School, San Francisco, California

##### → Girija's Gardening

[Github](#)(frontend) | [Github](#)(backend)

- Built the frontend single page application with React and Redux
- Designed, built and maintained reusable components (both functional & class components are used)
- Implemented Redux store, to hold the state tree of the entire application and suitable dispatcher actions to update them.
- Used necessary Component Lifecycle methods inside the components of the application
- Used BrowserRouter techniques to navigate between pages
- Retrieved data from 2 third-party APIs - tropicalfruitandveg.com & edamam.com
- Modeled database schema with ActiveRecord, Postgres and Ruby on Rails
- Authenticated users by using encrypted tokens via JWT
- Created custom routes and enabled necessary controllers at the backend
- Used Open source Javascript module bundler WebPack and Babel transpiler for the application

##### → NAG - Food Delivery

[Github](#)(frontend) | [Github](#)(backend)

- Designed database schema using ActiveRecord, Postgres and Ruby on Rails & frontend with React
- Retrieved data from the third-party API - US Restaurant Menus
- Authenticated users by using encrypted tokens via JWT

- Integrated the third-party payment module on Node.js - React Stripe Checkout
- Application developed using WebPack module bundler and Babel transpiler

→ **Portfolio / Website**

[girijaviswa.github.io](https://girijaviswa.github.io) | [Github](#)

- Portfolio pages created using create-react-app, Router, Switch, Route, Link, CSS, JSX, HTML
- Hosted the pages on github.io

→ **Hangman Game**

[Github](#) (CLI Application)

- Built Ruby based CLI application for playing interactive Hangman game

## Education

Bachelor of Technology (Information Technology), Anna University	Aug 2010 - Apr 2014
Master of Fine Arts (Bharatanatyam), Annamalai University	Aug 2018 - Sep 2020