





# ANTARR BYRD

## SOFTWARE ENGINEER

### CONTACT

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-  Houston, Texas
-  antarr.dev

### EDUCATION

#### **Masters of Science in Management of Information Systems**

Texas Southern University  
Houston, Texas | 2014

#### **Bachelors of Science in Computer Science**

Texas Southern University  
Houston, Texas | 2011

### SKILLS

- Microsoft .NET
- Ruby on Rails
- Amazon AWS
- Microsoft Azure
- Heroku
- Github
- Continuous-Integration
- Docker
- WordPress

### PROFILE

Software developer and engineering professional with more than 9 years designing, developing, and verifying software applications in an Agile environment. Enjoys working with Open-Source and Cloud technologies. Passionate about building web applications using Ruby on Rails. Experienced developing enterprise-level applications using C# and VB in the .NET environment. Skilled devops developer, creating Continuous Integration solutions and Infrastructure as code in multiple diverse environments

### EXPERIENCE

#### SOFTWARE ENGINEER

PIE INSURANCE | REMOTE | NOVEMBER 2020 - PRESENT

Develop applications generating enterprise documents required for issuing worker compensation insurance policies. Design and develop dashboards for monitoring AWS Lambda applications using AWS CloudWatch. Automate application deployment by implementing infrastructure as code solutions using AWS Cloud formation. Develop continuous integration solutions using Github Actions, AWS CodeBuild and AWS CodePipelines.

#### SENIOR SOFTWARE CONSULTANT - PART-TIME

HONEST POLICY | REMOTE | MAY 2020 - PRESENT

Lead the development of backend multiple backend applications for a consumer-facing application. Develop RESTFUL and GraphQL API using Ruby on Rails framework. Automate infrastructure and code changes in multiple cloud environments. Develop Docker solutions for running applications. Provide guidance for new engineers as they join the team. Integrate with multiple 3rd party APIs. Upgrade multiple Ruby on Rails and Javascript applications to recent versions.

#### SENIOR SOFTWARE ENGINEER

SSL.COM | HOUSTON, TEXAS | DECEMBER 2019 - JUNE 2020

Duties include developing new features to help increase revenue generated by the company. I introduced Cypress.io and Capybara for creating frontend tests validating the function of the application. Migrated testing framework to RSpec which was more difficult than expected due to the existing legacy code. Mentor

## CERTIFICATIONS

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### **Microsoft Technology Associate**

Microsoft | 2017

## LANGUAGES

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English | Fluent

## REFERENCES

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### **WAYNE LOPEZ**

#### ***Chief Product Office***

Verify Inc.

wayleaux@gmail.com

### **THIAGO LEYCH**

#### ***CEO***

Leych Company

thiago@leych.com

junior developers, on best practices and improving code through testing and refactoring. Significantly increased the code coverage for the application. Collaborate with other engineers on plans to improve the codebase and workflows. Introduced the git-flow to help streamline code changes. Improve continuous integrations by introducing new tools and utilizing features in existing tools.

### **SOFTWARE ENGINEER**

MODERN MESSAGE | REMOTE | APRIL 2018 - NOVEMBER 2019

Develop full-stack solutions using Ruby on Rails 5. Design and code frontend features using bootstrap, backbone.js, and React.js. Model and work with data using Postgresql. Working collaboratively in a distributed team environment.

### **WEB DEVELOPER II**

MANHATTAN LIFE INSURANCE GROUP | HOUSTON, TEXAS | AUGUST 2017 - APRIL 2018

Develop enterprise quality applications using .NET web frameworks. Work legacy code adding optimizations and new features. Write asynchronous applications using C# and Visual Basic. Design and develop full-stack solutions for internal and external customers. Create and modify PDF documents programmatically using ITextSharp.

### **SOFTWARE ENGINEER**

SEREMEDI | HOUSTON, TEXAS | JANUARY 2017 - JULY 2017

Develop new functionality in web API for SAAS products servicing hospitals and surgeons. Develop Web App solutions using Microsoft Azure. Plan and deploy applications using Azure architecture. Improve code quality through the practice of code reuse. Develop documentation of API for a client developer. Design new product features using established design patterns. Research benefits and opportunities provided by machine learning. Manage and design data in SQL Server as well as Neo4j. Integrate the system with Fitbit developer API and Vidyo. Perform integrated testing using Postman.

### **BACKEND ENGINEER**

CHAIONE | HOUSTON, TEXAS | DECEMBER 2014 - AUGUST 2016

Developing and maintaining Ruby on Rails applications for consumer-facing sites, back-end service, internal applications, and APIs. Working hands-on with project managers, designers, and clients to implement solutions. Developing engaging apps that solve problems. Deploy applications to the cloud and virtual private servers (VPS) using tools like Docker, Chef, Heroku, and Capistrano. Involved in the Agile process including daily standups and weekly planning meetings with local and remote team members. Practice in Continuous Integration with multiple daily git commits. Manage Windows and Linux servers using automated processes. Create secure RESTful web services that provide JSON responses.

## ASSOCIATE SOFTWARE ENGINEER

INSPERITY | KINGWOOD, TEXAS | JUNE 2011 - DECEMBER 2014

Worked as a Full Stack Developer in the Microsoft .NET environment. Develop and maintain software solutions using C#.NET and SQL Server. Works with constituent departments to fulfill application development, support, and maintenance requests. Assists in scope definition and estimation of work effort. Contributes to the business requirements gathering process. Works with the solution design team to ensure that design standards are followed. Creates technical documentation as required. Unit test applications for release into a production environment.