Jorge R. Barreto

Miami, FL • Open to Relocation

jorge@jorgebarreto.dev   https://jorgebarreto.dev   https://www.github.com/jorge-barreto

Experience

Software Developer   12.2020 - Current
Kikoda, LLC – *Tallahassee, FL*   *JavaScript, C#, ASP .NET Core, SQL*

- **Frontend Development:** Achieved a 60% reduction in time to paint on the primary landing screens of a legacy React application by employing efficient data fetching strategies (lazy loading and interruptible network requests, among others) for an enhanced user experience

- **Backend Development:** Led a team of engineers in creating an analytics platform (React frontend + C# / .NET backend) leveraging AWS Redshift to implement a custom row-level security system in order to dynamically control user access to the Tableau visualization solution

- **Cloud Development:** Directed the migration of AWS cloud resources to an infrastructure-as-code setup using the AWS CDK .NET API, reducing infrastructure risk and ensuring consistent deployments

- **Test Driven Development:** Ensured consistent delivery of quality code by driving team adoption of TDD and instituting automated testing using Jest and React Testing Library, resulting in a 30% reduction in task rework

- **CI/CD:** Designed and established deployment pipelines using AWS CodeBuild and CodeDeploy, reducing deployment times by 30% and freeing up developer resources through CI/CD practices

- **Cost Optimization:** Led an initiative to consolidate cloud costs by optimizing resource allocation, after building a dashboard to demonstrate resource underutilization, saving the customer over 50% cost per month

Junior Software Developer   09.2020 - 11.2020
Kikoda, LLC – *Tallahassee, FL*   *JavaScript, C#, Node.js, SQL*

- **Frontend Development:** Improved performance of a React-Redux SPA page by 400x-700x under production loads by implementing memoization techniques for constant time data access and updates

- **Performance Optimization:** Developed and configured Dockerfiles and docker-compose setups enabling developers to run any part of the microservices stack locally, improving testing efficiency by up to 40%

- **Microservices Development**: Reduced Docker build times by more than 80% by employing Dockerfile layer caching, saving hundreds of developer hours over the span of the project

Open Source

aws/aws-cdk   Repo | Issue | Pull Request

- Implemented methods to filter by commit message in the AWS CodeBuild FilterGroup class, enhancing search functionality and contributing to project optimization

Technologies

Languages: JavaScript • C# • Ruby • HTML5 • CSS • Bash • Powershell
Frameworks: Rails • React • Redux • Styled Components • Node.js ASP.NET Core • .NET Framework • Webpack
Databases: Oracle • PostgreSQL • MySQL • Redis • MongoDB
Infrastructure: WebSocket • NGINX • Docker • gRPC • Git • Redis • GraphQL • Linux • AWS • EC2 • ECS

Education

2011 - 2015 **Bachelors of the Arts -** Philosophy — New College of Florida - *Sarasota, FL.*