



Jonas Buckner

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Outcomes

Remote

Staff Engineer

11/2021 – 03/2024

- Primary Responsibility was Spring Framework and Vue.js Development
- Created new terraform and keycloak auth blocks for new development in existing system
- Troubleshooting of Kubernetes deployments for project leads
- Implemented SAML certificate secure keys for Identity Provider (IDP) installation with direct work with customers
- Built data transform microservice template for Elasticsearch, Postgres, and MS SQL Server
- Created migrations in Flyway for Postgres for complex inserts and data consolidation
- Wrote Kibana watchers for monitoring and alerting with integration with Slack
- Tested and Built API and Config Generators in Python
- Built, Tested, and Deployed Microservices on AWS and VMWare Tanzu
- Improved search of 15 years of documentation by creating Retrieval Augmentation Generation (RAG) system

Corelogic

Knoxville, TN / Remote

Senior Professional, Software Developer

12/2018 – 11/2021

- Mentored and onboarded Junior devs on development and performance practices
- Maintained a white-label SSO system authorizing 700,000 daily unique users across 400 federated apps
- Built and updated SAML, OIDC, OAuth, and custom authentication for Java-based IAM product
- Provided bug and security fixes for IDP and authorization flows as well as management console
- Continual work on microservices for messaging, logging, and statistical aggregation
- Discovered security flaws in products and proposed fixes and new microservices to address them
- Designed ring-distributed CI architecture for transition to VMWare Tanzu on GCP
- Developed RESTful APIs for both internal products and external apps, internal use of GraphQL

ADS Phoenix

Knoxville, TN

Senior Web Developer

09/2016 – 08/2018

- Pulled many sites under version control and automated deployment with Git, Robo, and Docker
- Python scripting for deployment and data translation using Pandas
- Architected a multitenant framework in PHP
- Launched 28 sites for the modular home industry in 87 days using said framework
- Developed several client-specific WordPress plugins for inventory management and external data feed

Zalk IT

Remote

Associate Developer

02/2014 – 08/2016

- Development on Ruby on Rails client management application including security model programming and testing
- Designed and managed Angular.js / Ionic Framework application on Android and iOS
- Updated and maintained .NET Webforms eCommerce site and inventory backend
- iOS development with Objective C and Swift for client projects and company products
- Created .NET MVC application with OWIN integration on top of an existing authentication system
- Built and helped integrate a reusable component library in Angular.js
- Bugfixes and feature additions for an Angular.js industrial analysis tool using my component library

Fair, LLC (fairmechanics.com)

Remote

Lead Developer

10/2013 – 05/2014

- Maintained and built a web application for ASP.NET MVC bidding site
- Designed features and data layouts for continued expansion of the app
- Developed revision control and deployment scenarios
- Documented existing code and matched style to keep consistent and maintainable source
- Designed and built frontend and backend features through the entire web stack, database through AJAX
- Took the lead on the project and drove the planning for new features, bugfixes, and future expansion
- Deployed .NET bidding site to Amazon Web Services (EC2, SNS, and S3)
- UI mockups and diagramming for client understanding of new features and redesigns

Jackson Marketing Group*Interactive Developer***Greenville, SC***09/2012 – 06/2013*

- Design, development, and maintenance of web applications in PHP, JSP, and .NET
- Java web development for Fortune 500 client
- iOS and Android development for both new and existing products
- Maintaining, troubleshooting, and updating sites across IIS and Apache servers
- Helped department through recent turnovers to develop new processes for automation and development
- Development of public-facing websites, client-internal extranets, and inventory-management software
- Conference calls and direct client interaction for clarification and explanation of technical projects
- Direct management and decision making with regard to outsourced software resources, including correspondence with developers
- Set up meetings and found resources for continuing developer education for team
- Customization of open-source internal development tools

East Tennessee State University*Research Assistant***Johnson City, TN***08/2010 – 12/2011*

- Performed computational nanoscience experiments for biomedical applications
- Writing code for chemical and nanophysics simulation and visualization
- Managed small computational cluster with Python management tool, Salt
- Updating and maintaining chemical simulation software
- Rendering and formatting visualizations for publication
- Rewriting legacy FORTRAN scripts in Python for maintainability
- Unifying a consistent API across physics department projects
- Consulting on interdepartmental software integration