**RUSSELL PADGETT**

Senior Software Engineer • Austin, TX

Software Development • Cloud Computing • Data Analysis

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**CORE COMPETENCIES**

**Specializing in full-stack development, cloud-based architecture, microservices design, and comprehensive DevOps practices with emphasis on security, observability, code quality checks, and automated testing.**

**Frontend Technologies (UI)**

* React (Class & FC)
* JavaScript/TypeScript
* React Hooks
* MVC/MVVM Frameworks
* Vitest/Storybook

**Backend for Frontend (BFF)**

* Node.js
* Express.js
* MS Entra ID/Keycloak
* OpenID Client authentication
* Jest Testing Framework

**API Layer**

* Java + Spring Boot framework
* Spring Data JPA
* Flyway database migrations
* Keycloak Integrations
* JUnit + Spotless Maven Plugin

**Cloud & Infrastructure**

* Microsoft Azure deployment
* Docker containerization
* Azure Kubernetes Service (AKS)
* SQL/PostgreSQL (Relational DBs)
* Cosmos DB (NoSQL)

**DevOps & CI/CD**

* Azure DevOps
* Automated build/deploy pipelines
* Automated testing integration
* SonarQube quality/coverage gates
* Azure Container Registry

**Tests, Security & Monitoring**

* Bruno collections + Service Testing
* OpenAPI/Swagger specification
* Azure Key Vault
* MS Entra ID/Keycloak IDPs
* Azure Application Insights

**PROFESSIONAL EXPERIENCE**

*Jan 2023 - Present*

**Senior Software Engineer**

*GEICO • Austin, TX (Remote)*

Senior Software Engineer leading design and development of multiple corporate initiatives using microservices architecture. These enterprise-scale applications and AI-powered solutions include Partner Platform Sales API, Partner Platform Portal, Business and Performance Reporting, AI assisted Chatbots, and AI assisted automated Document Processing.

* Architected microservices with React, C#, Java/Spring Boot, SQL, and CosmosDB, deployed on Azure AKS
* Leveraged Azure Service Bus, Kafka, and Functions to implement an event-driven integration model
* Collaborated with multiple teams to provide analytics, observability, and secure data exchange
* These efforts have reduced partner onboarding time by more than 90%, from months to days, making it the primary source of new business for policy sales at GEICO

*Apr 2018 - Feb 2023*

**Senior Software Architect/Engineer**

*Veryon • Austin, TX (Remote)*

Senior Software Engineer, lead architect and developer for Veryon Publications and Veryon Content and Document Processing Application. These enterprise-scale applications provide subscription-based access to aircraft technical publications and automated document content processing.

* Architected microservices with React, C#, and SQL on Azure App Service for high availability and scalability
* Leveraged Azure Service Bus, and Functions for an event-driven automated document processing model
* These efforts reduced regulatory & compliance document processing by 90%, going from weeks to hours, providing near real-time updates of these critical documents helping ensure aircraft safety

*Jul 2015 - Apr 2018*

**Senior Software Architect/Engineer Consultant**

*CCH SureTax • San Antonio, TX (Remote)*

Senior Software Engineer, lead architect and developer for CCH SureTax, a SAAS based sales and use tax automation platform for business accurately to calculate and remit taxes to the correct authorities.

* Architected SureTax as a microservices architecture with React, C#, and SQL on Azure App Service
* Collaborated with tax industry experts to deliver industry first features such as "Tax-on-Tax" and "Tax-Included" calculations to within 1/10000 of a cent, critical for accurate accumulation of tax for clients with high call volume transactions
* Performed Peer reviews to ensure my team uses the best practices and standards, focusing on optimal performance, maintainability, and security

*Jul 2010 - Jun 2015*

**Senior Software Architect/Engineer**

*FarPoint Technologies • Phoenix, AZ (Remote)*

Senior Software Engineer, sole architect/developer for SureTax, a sale and use tax calculation API.

* Created a sale and use tax calculation API with C# and SQL hosted on Azure for high availability and scalability, simplifying integrating with tax authorities
* Grew the feature set to achieve market superiority, making it the industry leader in sales and use tax calculation
* Acquired by Wolters Kluwer in 2015, who was the industry leader in Telecommunication and Utility taxation

*Jun 2006 - Jul 2013*

**Senior Software Engineer**

*LPL Financial • San Diego, CA*

Multiple contracting engagements focusing on advisor portal systems, workflow solutions, and system integrations.

* **Jan 2012 - Jul 2013:** Complete re-write of LPL's Advisor portal to MVC with responsive design for mobile and desktop
* **Jan 2010 - Mar 2010:** Part-time enhancements for LPL's advisor onboarding application
* **Jun 2006 - Jan 2009:** Developed new advisor onboarding application using Teamwork's workflow solution

*Jan 2009 - Jun 2010*

**Senior Software Engineer**

*Callaway Golf • San Diego, CA*

Contracted for 18 months to do a complete re-write of Callaway Golf's marketing and retail web sites to ASP.NET.

* Complete rewrite of multiple high-profile websites
* Sites included: CallawayGolf.com, OdysseyGolf.com, and TopFlite.com
* Modernized web architecture and enhanced user experience

*May 1999 - Jun 2006*

**Lead Software Engineer**

*JPMorgan Chase & Co. • Phoenix, AZ*

Lead Developer spearheading an image-based check remittance solution. Each day, this mission critical software processing more than a million transactions totaling over a billion dollars.

* Mission critical financial software processing a billion dollars per day from over a million transactions in daily remittances
* Created a Quality Control module that reduced key entry errors by 99% saving a Million dollars annually in research costs
* Decreased check processing from days to hours allowing Chase to accrue interest on the daily billion-dollar floating deposit
* Supported software in multiple global operation centers distributed across US and India, operating 24/7/365

*May 1998 - May 1999*

**Software Engineer**

*PCS Health Systems • Phoenix, AZ*

Contracted for 12 months to develop components for statistical calculations on a 100 million record repository.

* Large-scale data processing and statistical analysis
* One hundred million record data repository management
* Healthcare industry domain expertise

*Jan 1986 - May 1998*

**General Manager**

*Pizza Hut • Phoenix, AZ*

General Manager of a store with 100+ employees grossing over a million dollars in annual sales. Consistently ranked 1st for sales and profit for all Phoenix area corporate locations.

* Managed 100+ employee operations
* $1M+ annual sales revenue
* Consistently ranked #1 for sales and profit in Phoenix area
* Served as training store for North Phoenix region
* Developed leadership and operational management skills

**EDUCATION**

*1986 - 1990*

**Arizona State University**

*BS Logistics Management • Tempe, AZ*