Joey **McKenzie**

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Experience

National Funding
SOFTWARE ENGINEER

Remote
January 2022 - Present

- Developing .NET-based microservices and infrastructure supporting financial operations and line-of-business applications
- Integrating third party APIs into backend systems increasing customer lending conversion by 50%
- Managing CI/CD pipelines and automated processes with AWS, Terraform, Jenkins, and containerized Docker environments
- Upgrading internal .NET infrastructure improving performance and speed by 30% while reducing AWS costs
- Troubleshooting applications errors using log aggregation services with OpenSearch and Kibana
- Improving existing system architecture by migrating legacy .NET Framework applications to modern .NET
- **Primary technologies**: .NET, C#, React, JavaScript, AWS, Terraform, Git, Jenkins, Kibana, OpenSearch, Docker, SQL, SQL Server

MediKeeper
SOFTWARE ENGINEER

Remote
December 2020 - January 2022

- Wrote, debugged, and tested .NET and Vue applications targeting both .NET and .NET Framework
- Iterated on UX with product designers to increase user retention and impression conversion rates
- Created CI/CD pipelines and automated processes with Azure DevOps to improve existing build times
- Administered SQL Server and Oracle databases while improving business critical query times by up to 60%
- Improved existing system architecture by migrating legacy .NET Framework and WebForms applications to modern .NET
- Maintained integration suites with Cypress to automate platform testing, increasing QA velocity by 20%
- **Primary technologies**, .NET, C#, Vue, CSS, SASS, HTML, JavaScript, Azure, Azure DevOps, Git, SQL, SQL Server, DB2

Sierra Pacific Industries
APPLICATION DEVELOPER

Redding, CA
January 2020 - December 2020

- Developed internal applications using modern RPG ILE on the IBM iSeries AS/400 and VB.NET for desktop applications
- Migrated brownfield and legacy applications to modern RPG architectures increasing application response times
- Improved business critical PL/SQL queries for embedded systems by up to 40% in several applications
- Performed system administration tasks on the IBM iSeries AS/400 to maintain environmental integrity increase system up-time
- Ad hoc querying and report generation with SQL Server Management Studio, Visual Studio, and RDi
- **Primary technologies**: .NET, C#, VB, Azure, RPG, RDi, SQL, SQL Server, DB2, IBM iSeries, Git, VSTS

VSP Global
ASSOCIATE SOFTWARE ENGINEER

Sacramento, CA
June 2018 - January 2020

- Developed Java APIs and Angular applications for nationwide use by optometry offices and retailers
- Migrated JEE and Spring-based applications to Spring Boot while increasing response times by up to 25%
- Lead development of Angular applications utilizing Angular Material, SCSS, NgRx, and modern web standards
- Created and maintained CI/CD pipelines with Jenkins deployed to AWS hosting infrastructure
- Administrated systems and servers while migrating workloads off legacy Windows servers to Linux-based servers
- Assisted in troubleshooting company-wide service outages and application performance issues with Splunk and Wily
- **Primary technologies**: Java, JavaScript, TypeScript, Angular, CSS, SCSS, HTML, Git, AWS, Chef, Splunk, Docker, SQL, SQL Server, DB2

Engility Corporation
OPERATIONS RESEARCH ANALYST

San Diego, CA
September 2016 - May 2018

- Provided contractor support for SPAWAR 1.0 Finance Division in the form of data analysis and systems engineering
- Wrote and maintained VBA and R codebases to perform data analysis and spreadsheet specific functionality
- Performed regression analysis and statistical programming using R with classified financial datasets
- Extensively used Excel and RStudio for data reporting and high level graphical analysis and exploration
- Maintained databases of financial data and provided ad hoc SQL reporting for various projects
- **Primary technologies**: .NET, VBA, Excel, R, RStudio, SQL, Excel, MS Access

Education

San Diego State University
BACHELOR OF SCIENCE IN ASTROPHYSICS, MINOR IN MATHEMATICS

San Diego, CA
May 2016

- Coursework included training in scientific computation, procedural and object-oriented programming, advanced mathematics and physics, data structures, and numerical algorithms with thesis on **computational photometry for stellar astrophysics**