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KEVIN H. MCGILL

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WORK HISTORY:

Software Engineering Consultant

Source Allies, Inc   Urbandale, IA

May 2021 - present

- Manage a Java based Android application for internal business operations
- Maintain Concourse CI/CD pipeline to build and deploy an Android app to the Google Play Store
- Develop and maintain REST/GraphQL API's with Node.js and hapi.js
- Support customers with issue triage and resolution

Mar 2020 - May 2021

- Transitioned a desktop application to a browser-based application
- Ensured feature parity between applications while maintaining daily business operations
- Built a ReactJS web application for internal company solutions serving the grocery industry
- Utilized TypeScript and Apollo GraphQL for simplified client consumption
- Maintained Concourse CI/CD pipeline to test, build and deploy a GraphQL API to GCP Kubernetes
- Supported customers with issue triage and resolution

Mar 2018 - Mar 2020

- Built React Native apps for the food service and grocery industry
- Maintained native iOS and Android apps
- Developed and maintain REST/GraphQL API's with Node.js and hapi.js
- Utilized TypeScript and Apollo GraphQL for simplified client consumption

Aug 2017 - Mar 2018

- Developed Scala microservices
- Maintained Jenkins CI/CD to test, build and deploy microservices with AWS Beanstalk
- Developed ReactJS/Backbone.js frontend
- Utilized numerous Amazon Web Services' including Beanstalk, Lambda, SQS, Elasticsearch, RDS

Aug 2016 - July 2017

- Developed and maintained a Gradle driven build, deploying Gitlab to Amazon Web Services (AWS) to facilitate CI/CD pipelines
- Architected and developed an API using Lumen, a PHP 7 micro-framework
- Engineered a CI/CD pipeline to test, build and deploy the Dockerized API to AWS
- Ensured code quality through automated unit, integration and acceptance testing
- Contributed to the transition a conventional application stack to cloud based stack

Systems Programmer   Aug 2015 - Aug 2016
IBM   Des Moines, IA

- Co-lead engineering and design for a proprietary Dockerized Django based application with an AngularJS GUI
- Work closely with OpenStack and VMWare to automate the provisioning/deprovisioning of VM's
- Engineer and maintain a Bamboo continuous integration build, driven by Gradle
- Maintain source code quality through unit testing and code coverage checks within the Dockerized build
- Drive implementation of agile best practices and contribute to an agile development process utilizing the Atlassian suite
- Support clients by identifying bugs and providing patches

Cloud Engineer   Aug 2014 - Aug 2015
Appcore, LLC (Acquired by IBM)   Des Moines, IA

- Engineered and implemented functionality written in Groovy to create/improve OpenStack/CloudStack feature sets
- Made use of SaltStack, Groovy and Jinja to automate the addition/removal of block storage within OpenStack's Cinder project
- Successfully engineered roadmap items into features for Atlas, a cloud automation software based on the Spring framework
- Utilizing the Atlassian suite, contributed to an agile development process aimed at automating the deployment and management of public and private clouds
- Developed GUI's with HTML, Bootstrap CSS and jQuery
- Ensured integrity of source code through JUnit and GEB testing

Web / Mobile App Developer   Oct 2013 - Aug 2014
EDJE Technologies   Urbandale, IA

- Collaborated with clients to develop custom websites written in PHP with a MySQL backend
- Developed dynamic GUI's utilizing jQuery
- Engineered custom iOS and Android apps primarily for agriculture clients
- Recommended intuitive solutions to create the best user experience

EDUCATION:

Bachelor of Business Administration in Finance   May 2009
University of Iowa   Iowa City, IA

QUALITIES:
- Strong work ethic and passion for technology
- Natural desire to seek knowledge
- Highly motivated, persistent learner of processes and systems
- Ongoing commitment to professional development
- Willing and able to analyze current processes and offer ideas for improvement

References available upon request.