Brent George Lee
Software Developer
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SUMMARY

I am a software developer with a history of learning fast and creating solutions for internal processes and external customers. In four years I worked on three product releases, two different proof of concepts, and multiple internal tools to streamline development. Alongside the technical skill, I also have knowledge on multiple development methods and the way these methods are practically applied.

TECHNICAL SKILLS

Programming Languages   C | JavaScript | Go | Java | Python | BASH | SQL

Technical Tools   Kubernetes | Jenkins | Azure Cloud | Docker
                                             Git | CouchDB | Helm 3 | WSO2 | Rancher
                                                        Jira | Bitbucket

WORK EXPERIENCE

Unisys - Eagan, MN   Systems Engineer - 03/2018 - Present
                                             Associate Engineer - 06/2016 - 03/2018

Emerging Technologies Team
- Automated deployment processes for over 20 different containerized microservices in Kubernetes using Jenkins, Helm, and BASH freeing up the team to spend more time developing solutions.
- Facilitated a team as a Scrum Master to achieve the goal of shared ownership of tasks and focus on outcomes.
- Lead team discussions to create stories with robust acceptance criteria and estimate effort for that task.
- Utilized agile deployment methodology.
- Researched and made recommendations to adopt new technical tools into our process.
- Published APIs in WSO2 making it easy for other groups to leverage the team's services.
- Developed and maintained microservices in Node.js and Go.
- Accessed and updated data stored in CouchDB NoSQL databases.
- Debugged and resolved complex issues with multi service applications.
- Deployed and used Azure resources to build proof of concepts.
- Planned and led an effort to build an IoT lab that is used to develop demonstrations and proof of concepts.

Stealth Identity Enterprise Application Team
- Coordinated with the front end team to create a new REST API to export and import data into our solution.
- Managed five development Tomcat servers to support the team in having their own stable functional testing environment.
- Created Python scripts to help deploy packages and database updates to functional testing environments allowing more time to be spent on development.
- Accessed and updated data stored in an Oracle database.
- Developed new functionality and solved existing issues in Java.

BIS Enterprise Application Team
- Implemented a JSON parser for a proprietary backend JavaScript engine adhering to the ECMAScript standard.
- Wrote robust JavaScript unit tests to ensure functionality and prevent regression.
- Utilized waterfall deployment methodology.
- Picked up three different features in the first six months to help meet the product release deadline.
- Developed new functionality and solved existing issues in C and a proprietary assembly language.

EERC - Grand Forks, ND   Student Programmer - 06/2015 - 05/2016

Internal Application Team
- Updated an application to track lab samples that allowed researchers to quickly search and find data.
- Supported the team on fixing bugs and developing features of multiple internal Visual Basic .Net Applications.
- Worked with Microsoft SQL stored procedures to create reusable queries that could be leveraged by other applications.

EDUCATION

University of North Dakota - Grand Forks, ND   B.S. in Computer Science - 08/2012 - 05/2016

Certifications   AZ-900 (Azure) | CSM (Scrum Alliance)