AAYUSH BHARDWAJ
Software Developer
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Greater Toronto Area, ON, CA

CAREER BRIEF:

- Software developer with 8 years of experience in implementing, maintaining, and testing enterprise software solutions.
- Experienced in contributing as a backend developer in Golang while implementing micro-service Rest APIs for a SAAS product.
- Also, contributed as a Backend developer utilizing C# and .Net Core for a web Application.
- Experience with container-based deployments utilizing Docker images and Kubernetes.
- Hands-on experience working with cloud providers like AWS and Azure.
- Worked on relational databases like MySQL and PostgreSQL, and No SQL database like MongoDB.
- Highly skilled in working with Linux systems and troubleshooting file-system-related issues in Linux environments.
- Expert in analyzing and debugging software defects through logs and providing optimal solutions to the problem.
- Experienced scrum master with proven experience to collaborate across teams and facilitate overall agile software development.

TECHNICAL SKILLS:

- **Programming Languages**: Go, C#
- **Cloud Technologies:** AWS and Azure
- **Containerization Tools:** Kubernetes and Docker
- **Frameworks:** Gorilla Mux, Gin, .Net Core, Nunit
- **API Tools:** Swagger and Postman
- **Databases:** MySql, MongoDB, and PostgreSQL
- **Logging:** Kibana
- **Message Queuing:** RabbitMQ
- **Continuous Integration and Deployment Tools:** Jenkins, Jira, and Sonarqube.
- **Version Control Tools:** Git and Bitbucket.
- **Scripting**: Bash, Shell, Perl, and Python

WORK EXPERIENCE:

CIBC   July 2023 – Present
GTA, ON
Software Developer (Back-end)

- Contributing to Rest API implementation using Go.
- Responsible for gathering functional requirements and preparing design document.
- Collaborating with various stakeholders to understand the requirements.
- Deliver high quality code along with unit test automation.

Environment:
- Golang, Docker, Kubernetes, MongoDB, PostMan, Azure and VSCode.

Netapp

Feb 2018 – April 2023

Software Developer (Back-end)

Project: Snapcenter

Bengaluru, Karnataka, India

- Experienced in independently delivering scalable and high-availability micro-service APIs using **Go**.
- Contributed to the implementation of an API from defining, implementing, and unit testing.
- Developed applications to handle concurrent data collection and processing with Go routines and Channels using Golang.
- Helped in building APIs using gRPC and HTTP.
- Worked on creating multiple services interacting with each other using JSON as a data exchange format.
- Implemented code for services to access mongo db utilizing Mongo driver in Golang.
- Created Docker images using Docker file and deployed the same using Kubernetes(k8s).
- Utilized RabbitMQ for message queuing and Kibana for logging.
- Actively contributed to Unit test automation using Golang testing package and mockery to mock service code.
- Built Techno functional knowledge in cloud providers like Azure and AWS.
- Experienced with C# and .Net Core to implement RestAPIs and implementing server business logic.
- Contributed to data access layer C# code for updating and accessing metadata available in MySQL database.
- Extensively used Git and Bitbucket for version control and code collaboration.
- Regularly utilized Jenkins for continuous integration, SonarQube for tracking build health, and Jira for tracking deliverables.
- Independently authored functional specification documents by understanding requirements and collaborating with stakeholders to set clear expectations for the feature being delivered.
- Received appreciation as a scrum master for leading a team of 4-8 members by resolving challenges with innovative solutions to increase overall team velocity.
- Voluntarily took up front-end tasks to learn technologies like HTML, CSS, angular and JavaScript. Also, contributed to UI bugs and assisted in building UI components.

Environment:
- Golang, Docker, Kubernetes, MongoDB, PostMan, AWS, Azure, Goland, and VSCode.
- C#, .Net Core, MySQL, Java, Perl, Visual Studio, and Swagger.

Honeywell

April 2017 – Feb 2018

Automation Developer

Project: Enterprise Building Integrator

Bengaluru, Karnataka, India

- Executed / Automated functional and regression test cases using C# and N-unit framework.
- Debugging and root cause analysis of Test script failures.
- Designed test cases for UI and developed a UI Test automation framework using Rano-Rex and C#.
- Developed a simple CICD script leveraging Shell scripting and Microsoft Task scheduler to automate daily build deployments, which was highly appreciated by the team as it saved time in deploying the latest builds at the end of each day.
- Utilized Q-Test to update testing progress and share reports with the stakeholders.
- Responsible for adding QA stories and qualifying feature stories to meet sprint exit criteria.
- Participated in the Agile software development process, from being part of release train planning to sprint planning and finally participating in retrospective meetings at the end of every sprint.
- Coordinated with product owners and developers for daily update meetings.

Tools Used:
- C#, Bash, and shell
- **API Tools:** Swagger and Postman
- **Testing Tools:** Test-complete and Rano-rex

Wipro Technologies   **June 2015 – April 2017**

Project Engineer   **Project**: Hewlett Packard - Printer Firmware

Bengaluru, Karnataka, India

- Automated functional test cases by using **N-unit** framework and **C#.**
- Extensively used **Jenkins** for deployments and **Git** for version control.
- Prepared and communicated test reports to project management, onshore/offshore teams, and various stakeholders.
- Worked On-site and collaborated with the client team to understand project requirements and brought back new projects to the team back in Wipro.
- Mentored fellow engineers on the requirements specified by the client team.

Tools Used:

- C# and PowerShell scripting.
- **API Tools:** Swagger
- **Testing Tools:** Nunit framework

EDUCATION:

Bachelor of Technology - Computer Science and Engineering in 2015

Rayat & Bahra Institute of Engineering and Technology