**MEGHANA VALLURU**

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**Objective:**

Passionate cloud developer with an interest in problem-solving. I aspire to pursue a progressive career in Information and Cloud Technologies, aiming to expand my knowledge, share insights, and contribute to a wide range of application protocols.

**Professional Summary:**

* Worked on AWS Cloud services like EC2, S3, EBS, RDS, VPC
* Proficient in working with Terraform infrastructure to produce faster and more efficient DevOps projects.
* Provided Iaas, Saas and Paas using AWS.
* Experience in using Version Control Tools Git.
* Strong experience in working in Linux environments.
* Strong hands-on experience with scripting languages like JavaScript.
* Proficient in working with Backup tools like CPM (Cloud Protection Manager for EC2).
* Experienced in Cloud automation using AWS Cloud Formation templates.
* Experience with CI (Continuous Integration) and CD (Continuous Deployment) methodologies using Jenkins.
* Mentored interns, giving knowledge transfer sessions and Assigning tasks to them.
* Experience being on-call and debugging the issues and bugs that occurred in live production.
* Experience in using Build Tools Maven.
* Strong experience in working in Linux environments.
* Always up to create a new data structure and think abstractly.
* Love to solve open-source challenges and projects on online platforms.

**Technical Skills:**

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| **Provision tools** | Terraform |
| **Cloud (Iaas)** | AWS |
| **Backup tools** | CPM (Cloud Protection Manager) |
| **Operating System** | Linux, Windows |
| **Server** | Apache, Tomcat |
| **Database** | My SQL |
| **Version Control** | GIT |
| **Build Tools** | Maven |
| **CI Tools** | Jenkins |
| **Configuration Management**  **Tool** | Ansible |
| **Containerization Tool** | Docker |
| **Programming Languages** | JavaScript, Python and C++ |

**Professional Experience:**

* Worked as a Cloud Developer for SRIJA SOFTWARE SOLUTIONS from May 2022 to June 2023.
* Worked as a Programmer Analyst for COGNIZANT TECHNOLOGICAL SOLUTIONS from February 2020 to January 2021.
* Worked as a Web Developer for VALUE KEEN SOLUTIONS from January 2019 to February 2020.

**Contribution (Srija Software Solutions):**

* Expertise in AWS, experience in implementing new AWS EC2 instances, and working with EBS and S3 storage.
* Design highly available, cost-effective, and fault tolerant systems using multiple EC2 instances, Auto Scaling, Elastic Load Balance, and AMIs.
* Utilize EBS to store persistent data and mitigate failure by using snapshots.
* Design roles and groups for users and resources using AWS Identity Access Management (IAM)
* Provide highly durable and available data by using S3 data store, Versioning, Life Cycle Policies and create AMIs for mission-critical production servers for backup.
* Manage network security using Security Groups, and IAM.
* Use Amazon RDS to manage, create snapshots, and automate backup of database.
* Stay current with the latest features/capabilities of the AWS platform.
* Administered and Implemented CI tools like Jenkins.
* Ability to grasp the latest technologies and to properly apply new tools to build applications.
* Extensive experience in using Version control systems like GIT
* Ability to work closely with teams to ensure high-quality and timely delivery of builds and release.

**Contributions:**

* Integrate data from various back-end services and databases.
* Create website layout/user interface by using standard HTML/CSS practices.
* Write well-designed, testable, efficient code by using best software development practices.
* Create and maintain software documentation.
* Cooperate with web designers to match visual design intent.
* Gather and refine specifications and requirements based on technical needs.
* I am responsible for maintaining, expanding, and scaling the company’s site.
* Achieved Best Junior Software Developer award in the initial six months.
* Developing end-to-end software components, including front-end and back-end components, to deliver complete, robust, and fully functional web applications.
* Proficient in translating high-level designs into detailed low-level designs, considering technical constraints to achieve optimal performance and efficiency.
* Building Frontend React Components from the Figma designs.

**Educational Qualification:**

* Master’s in advanced computer science 2021-2023(In Progress) from the University of Hertfordshire, Hatfield United Kingdom (UK).
* B-Tech (Bachelor of Technology) in Electronics and Communication Engineering during 2015-2019 from Ramachandra College of Engineering, Andhra Pradesh.

**Professional Enhancements:**

* Selected for ACM-ICPC (2020) Asia Regionals-Amritapuri Onsite.
* Took part in Kyrion Technologies – Ethical hacking workshop and learned basics in accessing the back door in Linux.
* Founded a Technical Club In My bachelors university to motivate people towards competitive coding.

**DECLARATION:**

I hereby declare that the above information is true to the best of my knowledge.

MEGHANA VALLURU.