**DESHANT SACHDEVA**

+91 7599310558

+91 9034448825

[deshant0099@gmail.com](mailto:deshant0099@gmail.com)

**LinkedIn:** [**www.linkedin.com/in/deshant-sachdeva-1a6497b3**](http://www.linkedin.com/in/deshant-sachdeva-1a6497b3)

***OBJECTIVE***

Visionary and innovative technologist seeking challenging position in the high-tech industry to make the most of my technical background, customer focus, creativity and passion.

***TECHNICAL SKILLS***

* Languages (JAVA 1.8, ReactJS (ES6), HTML, CSS, SCSS, PowerShell Script, Batch Scripting)
* Terraform(Automating Infra as Code), Packer, Docker, Kubernetes, Helm(Automating Kubernetes configurations)
* Azure Architecture (ACR, AKS, VM, VMSS, VMInsights, Log Analytics, PLS, PE, LoadBalancers, Azure Monitor)
* Databases: Oracle
* AWS Architecture (EC2, RDS, S3, Auto-scaling, ELB, SNS, IAM, SES, ELK, CloudWatch, ECR, AWS Batch, Lambda, SQS, VPC)
* Jenkins
* JIRA, TDP
* Maven
* Swagger, Kafka
* Capacity and Scalability Planning
* Operating System: Windows 10, Linux [Ubuntu, RHEL], Amazon Linux
* Mark-up/Data exchanger: HTML/JSON, YAML
* Version Control: GIT
* Service Now
* Other Tools: Win-SCP, Putty, TICK Stack (Influx DB), Kibana, Glowroot

***CERTIFICATIONS***

* AZ-900 Microsoft Azure Fundamentals (2020) certified, Score – 800.
* AZ-203 Microsoft Certified: Azure Developer Associate (June, 2020-2022), Score – 820.

***CAREER HIGHLIGHTS***

* Having working experience through all the phases in software development life cycle, including requirements gathering, development, unit testing, deployment, Code Optimization and Performance Tuning.
* Developing Java cronjob schedulers and creating a messaging system through kafka.
* Developing payments system with latest technological tools like microservices, containerization and scaling up applications with Kubernetes.
* Migrating 43 applications from struts2 to spring boot framework by converting them in microservices and RESTful services.

* Migrating all the 43 applications from legacy servers to AWS by implementing cloud architectures as part of a team for client looking to minimize cost while having the ability to deliver their application in a highly available, scalable and manageable environment using AWS.
* Have worked on tools and technologies such as Eclipse, Maven, JSON, SQL, and Tomcat.
* Exposure to various technologies like Web services (REST).
* Creating Order management application with ReactJS, spring boot, SQL database and deploying the application to AWS.
* Managing logs using generated in Cloud Watch TICK Stack (Influx DB) log monitoring.
* Configuring visualization of logs using Kibana generated in Cloud Watch.

***WORK EXPERIENCE***

**Total: 3 years**

**Amdocs:**

Designation: Software Developer

Duration: July, 2019 to till date

**Cognizant:**

Designation: Programmer Analyst

Duration: October, 2017 to July, 2019

**Project Name – Migration from Monolithic to Microservices and Azure Duration** –1 Year 3 months (Still in progress...) **Company** –Amdocs

**Overview** –Migrating to Microservices and Setting up applications to Azure using Terraform. **Environment** –Java,Spring Boot, Kafka, Docker, Kubernetes, Helm, Jenkins, Azure **Role** –Software Developer

**Responsibilities** –

* Development of Microservices and Restful API.
* Creating containerized applications for each Microservice and scaling them through Kubernetes
* Integrating all processes to automate scaling up of applications using Terraform.
* Integrating all processes to automate scaling up of applications.
* Using Service discovery to interact with other microservices, kafka for subscribing and publishing topics and swagger with its Open API framework.
* Application migration to Azure as IaaS and PaaS solution.
* Creating virtual machine for each application and providing the necessary architectural implementations as per requirement.
* Using Packer, Helm and other tools to make migration faster and flexible.

**Project Name – Migration to Spring Boot**

**Duration** –1 year 3 months

**Company** –Cognizant Technology Solutions

**Overview** –Providing client highly scalable and secured environment for all their generalapplications on AWS cloud so that they can do their work. **Environment** –Spring Boot, AWS, JSTL

**Role** –Developer

**Responsibilities** –

* Designing and implementing scalable and highly secured application platform in AWS cloud based on the budgetary requirements and future objectives set forth by management.
* Launching and managing AWS Infrastructure (EC2 instances Linux) and creating Elastic Load Balancer (ELB)
* Installing, configuring and upgrading of different version of applications and applying schedule updates if required.
* Creating alerts and configuring monitoring of specified metrics to manage their cloud infrastructure efficiently.
* Creating technical documentation of procedures for keeping track of AWS migration timelines and other development purposes.
* Migrating struts2 code to Spring Boot code by implementing RESTful services and microservices.
* Migrating JSP legacy code to JSTL code for faster browser rendering and converting Javascript code for making it compatible to all browser.
* Developing configuration to put logs of all applications on cloudwatch.
* Deployment of application to AWS using Jenkins Automation and cftemplate.

**Project Name – Order Management**

**Duration** –6 months

**Company** –Cognizant Technology Solutions

**Overview** –Creating application to order mutual funds.

**Environment** –Spring Boot, ReactJS, AWS

**Role** –Developer

**Responsibilities** –

* Development of UI using ReactJS (React Hooks, Context API, AG grid)
* Development of backend using Spring Boot and MySQL
* Deployment of application to AWS using Jenkins Automation and cftemplate.

**Project Name – Routers Testing (Internship)**

**Duration** –1 month 2 weeks

**Company** –C-DoT (Center for Development of Telematics)

**Overview** –Automation Testing of routers

**Environment** –Python

**Role** –Automation Testing (Internship)

**Responsibilities** –

* Overviewing Python scripts
* Testing python scripts on routers by setting up root and target user.

***ACADEMICS DETAILS***

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| --- | --- | --- | --- |
| **Year** | **Degree** | **Institute** | **Percentage/CGPA** |
| 2013-17 | B.Tech in Computer | SRM University, Kattankulathur | **9.267** |
|  | Science and Engineering |  |  |
| 2012-13 | Class- XII | R. S. Public Sr. Sec. School, Karnal, | **89.67%** |
|  | CBSE | Haryana |  |
| 2010-11 | Class- X | R. S. Public Sr. Sec. School, Karnal, | **10** |
|  | CBSE | Haryana |  |

***ACADEMIC PROJECTS***

* Enhancement of Degraded Images using Image Enhancement Techniques
* Classik: A classroom application based on Android.

***STRENGTHS***

* Strong Interpersonal and Communication skills
* Ability to work in a team with diverse backgrounds
* Strong commitment to quality
* Determination, dedication and discipline
* Willing to learn and adapt to new opportunities and challenges

***PERSONAL PROFILE***

|  |  |  |
| --- | --- | --- |
| Father’s Name | : | Mr. Darshan Lal |
| Date of Birth | : | July 19th 1995 |
| Languages Known | : | English, Punjabi and Hindi |

I hereby declare that the information given is correct to my knowledge.

**Place: Pune** **(Deshant Sachdeva)**