**JAYDIP BARVALIYA**

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**CAREER OBJECTIVE**

To experience professional leveraging technology to innovate solutions that help boost the business by streamlining and automating the processes to improve efficiency and provide a strong digital presence for the business in various domains like public, healthcare, telecom, retail, and banking.

**CERTIFICATIONS**

* + - 𝐀𝐖𝐒 𝐂𝐞𝐫𝐭𝐢𝐟𝐢𝐞𝐝 - 𝐒𝐨𝐥𝐮𝐭𝐢𝐨𝐧 𝐀𝐫𝐜𝐡𝐢𝐭𝐞𝐜𝐭 𝐀𝐬𝐬𝐨𝐜𝐢𝐚𝐭𝐞
    - 𝐀𝐖𝐒 𝐂𝐞𝐫𝐭𝐢𝐟𝐢𝐞𝐝 - 𝐃𝐞𝐯𝐞𝐥𝐨𝐩𝐞𝐫 𝐀𝐬𝐬𝐨𝐜𝐢𝐚𝐭𝐞

**Cognizant –– Sr. Full Stack Java Developer –Banking Domain [TD Bank] [May-2023: Current]**

* Architected and developed AOCPD, a Java-based enterprise application, capable of handling 400,000 daily transactions by leveraging Redis and Azure, ensuring high availability and scalability.
* Created a high-performance internal library using Java, Spring Boot, and Redis, enabling seamless integration with other applications and eliminating database dependencies, resulting in significantly faster response times across all internal systems.
* Revamped the Mailbox file transfer module using Java 8, automating processes that eliminated the need for live human support, leading to improved cost-effectiveness for the organization.
* Refactored the legacy iDocgen application from a monolithic architecture to microservices using Hystrix, Feign, Spring Boot API Gateway, and Zipkin, reducing system complexity and operational burden while improving scalability.
* Rewrote a UI-based application from JSP to Thymeleaf, ensuring seamless integration with Spring Boot, which significantly enhanced performance and maintainability, greatly improving the LOB experience.
* Mentored a team of developers, leading code reviews and providing best practice guidance, resulting in a 20% improvement in code quality and team efficiency.
* Effectively communicated complex technical concepts to non-technical stakeholders, facilitating smoother project execution and on-time delivery.
* Led successful deployments of enterprise-grade applications, increasing user satisfaction by 25% through reliable performance and stability in production environments.

**Cognizant –– Tech Lead & Developer –Retail Domain [Nike] [Aug-2022: Apr-2023]**

* As an Onsite Technical Lead and stakeholder participation in migrating/architecting/designing a Legacy application to a cloud-based application using some edge-cutting technologies & tools.
* Managing a team of 12+ FE/BE/DBA/DevOps/BSA by providing technology leadership, mentorship, and

communicating in a crystal-clear direction.

* Developed a real-time product UPC generator that can consume and publish millions of records using AWS S3, Lambda, NIFI, DynamoDB, and many other AWS resources.
* As a Lead Architect, I got the opportunity to put my hands on NodeJS applications architecture and cloud design, which includes Lambda, API Gateway, DynamoDB, VPC, Route53, CloudFront, Certification Manager, and S3 and other internal services.
* Defined and implemented operational effectiveness, cost reduction, and embedding change with monitoring deliverables.
* Doing Code reviews, Build/Deployments, database design reviews, and development acceptance to follow standards and defined processes to bring product quality.
* Efficiently wrote code for building and versioning infrastructure against AWS-cloud using Terraform.
* Developing the POC for a successful new approach and pattern for the development team, which can boost the product development flow and pace.
* Provided end-to-end development support for the application till the final rollout of the application.
* As a Team Lead, laid over a solid cycle of development and deployment based on industry standard practices.

**The Sunflower Lab –– DevOps Engineer –– HealthCare Domain [Dec-2020: Oct-2021]**

* Designing the application layer of the product with AWS EC2, RDS, Lambda, ECS, ECR, Beanstalk, and
* a plethora of others and configuring AWS cloud watch for application monitoring.
* Designed various architectures of automation in the AWS domain & actively involved in the architecture of the DevOps platform and cloud solutions.
* Developed various Jenkins pipelines which create/assign/build/register various resources and integrate all of them to build a robust environment to deploy the application into the corresponding client’s AWS account with some clicks.
* Responsible for providing access to various resources like GitLab repository, Sonar Projects, and JIRA for the developers.
* Reduced the cost of cloud services by optimizing and eliminating the various components of existing systems.
* Added various alarms to the AWS account to identify the failure at any point in time.
* Automate the GrayLog stream creation using REST API and integrated it with Jenkins to make it easier for the team.
* Automate the rotation of the CloudWatch log to the S3 bucket using Lambda, event rule, step functions and SNS.

**OneAdvanced –– Full Stack Developer –– Public Domain [Jul-2018: Nov-2020]**

* Rendered solid technical expertise in Software Development Life Cycle and core Java technologies to develop applications in Core-Java, Spring-Boot, JPA, Hibernate, and Keycloak which also include database handling, cloud services, CI-CD & Front-end Development.
* Single-Handley wrote the Keycloak security module which has increased the accessibility of user management.
* Developed highly interactive and customized UIs using Vue-JS, Mosaic, HTML, JavaScript, and CSS to Improve the functionality of web applications.
* Performed unit testing of applications by developing and applying test cases in Junit.
* Enhanced the quality of code and optimized application performance, leading to a 46% reduction in bugs.
* Responsible for creating and maintaining architecture for Restful API using Spring Boot and exposing and documenting using Swagger & Rest-docs.
* Developed application with help of Java Collections, Generics, Streams and Spring Boot Actuator to monitor and manage in production.
* Hosted the Caching mechanism into the application using Redis to improve the overall performance of the application.
* Integrated internal spring module to the external micro-service using RestTemplate which simplified operations.

**Sterlite Tech –– Java Developer –– Telecom Domain [Jan-2018: Jun-2018]**

* Used Java/J2EE technologies to develop web applications for client-server environments and add functionalities to existing applications.
* Reduced the efforts by 45% by automating the process and setting up various logging and visualization in Linux.
* Good Knowledge of DAO, DTO and Model View Controller.
* Experienced in the Agile (SCRUM) Development Process.

**SKILLS**

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**Java/8** **Spring-Boot Spring-Security Hibernate REST JPA**  **Maven Junit Microservices**

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**Reactive Functional VueJS Jenkins Docker Terraform Keycloak Postgre SQL**

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** Shell Putty Linux-CLI IntelliJ VS-Code Git IAM ECR CloudFront**

**Lambda EC2 ECS S3 IAM API-Gateway VPC Route53 DynamoDB**

** SNS SES CloudWatch Spring-Gateway Eureka Hystrix Resilience4j Config-Server Feign**

**PROFESSIONAL ACHIEVEMENTS**

* **Winner** **-** Spot award at Advanced for outstanding work in developing the new version of CISG
* **Finalist** **-** Advanced Hackathon – by Vista group (2019)
* **Runner-up -** Advanced Testathon - among 52 teams - by Vista group (2020)
* **Runner-up -** TheSunflowerLab Hackathon – (2020)