



VISHAL DASARI

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Professional Summary

Results-driven Senior Software Engineer with over 8.5 years of hands-on experience in all phases of the Software Development Life Cycle full (SDLC), specializing in developing scalable, high-performance web applications. Proficient in Java, Spring Boot, Hibernate, J2EE, REST/SOAP web services, and frontend technologies like Angular, JavaScript, HTML5, CSS3, and Bootstrap. Skilled in Python development using Flask, Pandas, NumPy, and SQLAlchemy with a strong understanding of microservices architecture and API design. Experienced in integrating third-party services and working with databases such as Oracle, MySQL, SQL Server, Aurora PostgreSQL and Cassandra. Well-versed in CI/CD practices using Jenkins, Maven, Gradle, and Git while demonstrating a track record of delivering high-quality code and mentoring junior developers effectively within cross-functional teams.

Certified in AWS, I have practical experience in creating AWS (S3, EC2, EKS) resources and utilizing Terraform for infrastructure as code. Worked on migrating Hadoop ecosystem to cloud based system utilizing Apache NiFi and Databricks and AWS resources.

Technical Skills

Languages	Python, Java, J2EE, PL/SQL, SQL
Web Technologies	HTML, CSS, JavaScript, Angular, NodeJS, Bootstrap, XML, JSON
Backend Frameworks	Spring Boot, Flask, Spring, Servlets, Struts, JSP, JSF, Log4J, Spring MVC, Spring IOC
Persistence Frameworks	JDBC, Hibernate, SQL Alchemy
Web Services	RESTful, SOAP, JAX-RS, JAX-WS, Jersey
Application Servers	WebLogic, Web Sphere, Apache Tomcat
Databases	Oracle, MySQL, SQL Server, Aurora PostgreSQL and Cassandra
IDEs	IntelliJ, Eclipse, VS Code, PyCharm
Testing Tools / Others	Junit, Mockito, Soap UI, Jira, Confluence, Splunk, Grafana, Postman, Swagger, Bruno
Version Control	GITHUB, Bit Bucket
CI/CD Tools	Jenkins / Jules, Bamboo, Spinnaker
Build Tools	Ant, Maven and Gradle
Cloud based & other tools	AWS (S3, EC2, EKS), Databricks, Apache NiFi, GAIA/PCF
Infrastructure as Code	Terraform

Professional Experience

Senior Associate Software Engineer III

JPMorgan Chase & Co. | Wilmington, DE | November 2021 – Present



Responsibilities:

Project: Daily Revenue Reporting

- Involved in various phases of Software Development Life Cycle (**SDLC**) and worked in a highly dynamic **AGILE** environment and participated in Scrum and Sprint meetings.
- Planning, designing, developing and testing software systems or applications for software enhancements and new product.
- Designed and maintained databases using **Java** developed **RESTful** APIs with **Springboot** and **SQL Server DB**.
- Involved in building and deploying scripts using **Maven** as build tools in **Jenkins**, facilitating seamless transitions between environments.
- I used **logging** and **tracking** to identify and resolve a critical bug that was impacting our application's performance and the SLA for issue resolving.
- Used **Linux servers** to deploy the applications, also used Linux commands to troubleshoot and resolve system issues.
- Proficient in **Linux** commands, including ls, mkdir, chmod, grep, and sed.
- Utilized **Pandas** and **NumPy** to process, manipulate, and analyze data for business intelligence and reporting.
- Programmed applications and tools using object-oriented languages with goals of code abstraction, stability and reuse.
- Managed bug and issue tracking using **JIRA**, ensuring effective issue resolution.
- Developed reporting tool application using **Python**, utilizing frameworks like **Flask**, **SQLAlchemy**, and **Oracle DB**.
- Working with **AWS** services like S3, EC2, ELB, Auto-Scaling, Route53, CloudFront, IAM, Cloud Watch, and RDS etc.
- Created AWS Security Groups for deploying and configuring **AWS EC2** instances using **terraform**.
- Worked on implementing **Apache NiFi** pipeline to handle complex and diverse data flows from **SQL server DB** to **AWS S3** bucket as part of modernization.
- Worked on creating delta tables, creating cluster, creating and configuring workflows in **databricks**.
- Worked on developing, configuring, and troubleshooting **CI/CD** pipeline of **spinnaker** and **Jenkins**.

Project: NBA Photon Framework

- Been part of framework development team as a developer.
- Used Java to develop the framework and also using Springboot.
- Writing Junit test cases for **Java** applications.
- Working on new features implementation for the **open service broker** api app using Java and **Springboot**.

Environments: Java 11, Hibernate, Mockito, Junit, IntelliJ, Maven, RESTful, Jenkins, spinnaker, BitBucket, Windows 10, Linux, AWS, Python, Flask, Oracle DB, Databricks, Apache NiFi.

Software Engineer.

Client: Vanguard Group of Investments, Malvern, PA

Employer: Data Solutions Inc, Wixom, MI

August 2018 – November 2021



Responsibilities:



- Involved in various phases of Software Development Life Cycle (**SDLC**) and worked in a highly dynamic **AGILE** environment and participated in Scrum and Sprint meetings.
- Planning, designing, developing and testing software systems or applications for software enhancements and new product.
- Collaborate with business team, Scrum Master, product owners, technical persons, end users to ensure effectiveness and quality of the components and systems developed.
- Adopting the Agile methodology, with weekly sprints.
- Performing maintenance and bug fixes on issues for different Vanguards' Global applications discovered by clients and Quality Analysis team.
- Performing root cause analysis on production issues and resolving it along with application / project leads; depending on the severity of the issue.
- Developing automation scripts using **Java**, **Selenium** WebDriver and **JUnit** for automating test cases.
- Developing User Interface using **HTML**, **CSS**, **JavaScript**, **Typescript**, and **Angular** Component based design.
- Working closely with the Web analysts' team to implement **Adobe Analytics** for the applications.
- Writing Junit test cases for **Java** applications and Angular **Unit testing** using Karma task runner and Jasmine Framework.
- Developing spring boot projects in Java by utilizing Java 8 features such as Stream **API**, Lambda methods, default and Static methods in interfaces.
- implementing **RESTful API** using Java EE's standard **JAX-RS**, **testing using Postman**.
- Using STS as IDE to configure and deploy the application onto Tomcat application server using Maven build scripts to automate the build and deployment process.
- Analyze user needs and software requirements to determine feasibility of design within time and cost constraints.
- Enhancing existing software to correct errors, add additional functionalities and allow it to adapt to new hardware, or to improve its performance.
- Responsible for enhancements, development and modernization of International sites of Vanguard.
- Used **Jenkins** for Continuous Integration and Continuous deployment.

Environments: Java 1.8, HTML5, CSS3, AJAX, Angular 6, JQuery, JavaScript, Hibernate, Mockito, Junit, STS 3.7.1, Maven, RESTful, JAX-RS, JAX-WS, XML, Bamboo, Jenkins, SVN, BitBucket, Windows 10

Software Engineer

End Client: FedEx Services, Collierville, TN

Employer: Pioneer consulting Services, West Des Moines, IA

September 2017 – August 2018

Responsibilities:

- Adapted **Agile Methodology** from specification, Analysis, Design, System integration, Testing,

Deployment and Maintenance.

- Worked on an application called GFBO (Global FedEx Billing Online) is a web-based application providing electronic invoicing solutions for customers in US, Canada, APAC, EMEA, and LAC users across the globe
- Developed UI components using **Angular JS, JavaScript, JSP, Html tags, CSS, Ajax and jQuery**
- Developed user-friendly interface to seamlessly combine the new module with existing login system by using **AngularJS**
- Implemented **Multithreading, Concurrency, Exception Handling, and Collections** whenever necessary.
- Deployed the application onto **WebLogic** application server using **Ant** build scripts to automate the build and deployment process.
- Implemented **RESTful** and **SOAP** based web services using for **JAX-RS** and **JAX-WS** respectively and implemented re-usable Utility classes for transforming the service request and response based **JAXB** stubs of **SOAP** Webservices.
- Developed test cases and performed unit test using **JUnit** Framework.
- Validations are done using **SoapUI** and **Ready API** testing tool framework in different environments.
- Implemented service methods and SQL queries, **PL/SQL** to interact with the **Oracle** DBMS
- Used Continuous Build Process using **Jenkins** as Continuous integration **CI** tool.
- Used logging techniques provided by **Log4J** tool for efficient logging and debugging.
- Developed the application using **Eclipse** as the **IDE** and used its features for editing, debugging, compiling, formatting, build automation and **version control (SVN)**.
- Worked closely with Team lead and Application Analysts to bring solutions.

Environments: Java 1.8, HTML5, CSS3, AJAX, Angular JS 4, JQuery, JavaScript, Hibernate, Mockito, Junit, Eclipse 3.7.1, ANT, SoapUI 5.2.1, SOAP, RESTful, JAX-RS, JAX-WS, XML, PL/SQL, Log4J, Oracle 11g, Oracle SQL Developer 17.4.1, Jenkins, SVN, Windows XP, WebLogic 12.1.3

Application Developer (Intern)

Defence R & D Laboratory, Hyderabad, IN | January 14 – April 14



Description: Defence Research and Development laboratory (**DRDL**) is a Missile System laboratory with thrust on design, development and flight evaluation of various types of Missile Systems for the Indian armed forces.

Responsibilities:

- Designed, developed, tested a project named "Parameters loggers system by using wireless sensors".
- I've developed a GUI application using Java programming to monitor Temperature and pressure sensor values and storing them to a database.
- Done Embedded coding for the hardware to work with the **GUI** software to populate the pressure and temperature values continuously in **GUI**.
- Involved in Software development life cycle (SDLC) of application from design phase to implementation phase, testing, Deployment phase
- Developed a **GUI** application using the JEE languages for the.
- Designed and developed the user interface using **Struts, JQuery, JavaScript, Applets, HTML**
- The application shows the status of the sensors with accurate sensors' value and the change is shown in the form of graphical representation in GUI.

- Using the **MySQL** Database, the results are stored for future use.
- Involved in the process of software testing and fixing bugs found while testing.

Environments: Java, Html, CSS, java Applets, JavaScript, Struts, jQuery, MySQL, Windows, Eclipse IDE.

Education

- **Post Graduate Program in AI & ML.** (GPA 3.52)
University of Texas at Austin, Austin, TX | April 2023
- **Master of Science in Computer Information Systems** (GPA 3.91)
Bellevue University, Bellevue, NE | June 2017
- **Bachelors in Electronics and Communication Engineering** (GPA 3.42)
JNT University, Hyderabad, India | May 2014

Certifications

- AWS Certified Developer – Associate
- Oracle Certified Java Professional (OCJP)