K Harshavardhan Reddy
FullStack Developer

harshakasi1996@gmail.com | 928-310-7128 | Github | LinkedIn | Portfolio

───

SUMMARY

Dynamic and results-driven Java Full Stack Developer with **over 6 years** of comprehensive experience in **designing, developing, and deploying robust applications**. Proficient in **core Java and JavaScript**, with advanced expertise in front-end frameworks such as **React and Angular**. Skilled in leveraging **AWS and GCP** cloud services to enhance application performance and scalability. Proven ability to implement end-to-end solutions, utilizing **RESTful APIs and microservices architecture**. Adept at collaborating with cross-functional teams to deliver high-quality software in **Agile environments.**

───

TECHNICAL SKILLS

Programing Languages: Java, JavaScript, C#, Python.
Java Technologies: Spring Boot, Spring MVC, Hibernate, Servlets, JDBC, JSP.
JavaScript Technologies: React, Redux, Angular, NodeJS, jQuery.
Web Technologies: HTML, XML, CSS, JavaScript, JSON, jQuery, AJAX, Bootstrap.
Databases: Oracle PL/SQL, MySQL, Mongo-DB, Cassandra.
Build Tools & Devops Tools: Jenkins, Maven, Gradle, Docker, Kubernetes.
Development Tools: Eclipse, Visual Studio, IntelliJ Idea, Android Studio, Spring Tool Suite, Fitbit Studio.

Other Skills: Apache Hadoop, Spark, Hive, Kafka, Oozie, Teradata, Amazon Web Services, GCP..

───

PROFESSIONAL EXPERIENCE

Ascension Technologies
Java Full Stack Developer   **Mar 2024 - Present**

- Involved in analysis, design, development and testing phases of Software Development Life Cycle (SDLC) using Agile methodology.
- Developed SPA using ReactJS to utilize the HTML5 DOM features and update elements that are modified in the webpage.
- Implemented various screens for the front end using ReactJS and used various predefined components from NPM.
- Developed and maintained complex software components / systems in compliance with department standards including JSP, JSTL, EJB, JMS, JAX-WS, Restful APIs and Java Mail.
- Developed and deployed Micro services based applications using Spring Boot and Spring Cloud.
- Developed Rest services using JSON for storing and exchanging information between browsers and servers.
- Integrated the web services using Apache Camel routing and Spring.
- All the functionality is implemented using Spring IO / SpringBoot, Microservices and Hibernate ORM.
- Designed Microservices to fetch from legacy and upload in couch base from/to multiple buckets using Couch base SDK Java client.
- Designed JUnit test cases for various services to assert the final message integrity as a part of Dev testing.
- Configured AWSEC2 instances, S3 Buckets and Cloud Formation Services based on the business requirements.
- Designed, built, and deployed a multitude of applications utilizing almost all of the AWS stack (Including EC2, S3, DynamoDB, SQS and EMR), focusing on high-availability, fault tolerance and auto-scaling.
- Used JWT token bearer authentication for REST services.
- Developed backend services to fetch data from Oracle 12c using JDBC templates.
- Designed and developed necessary PL/SQL for the database operations as needed.
- Deployed MicroServices, Docker container using Amazon EC2 container services and using AWS admin console.
- Implemented a Continuous Delivery pipeline with Docker, Jenkins and GitHub and AWS AMI'S.
- Developed CI/CD system with Jenkins on Kubernetes container environment utilizing Kubernetes.

UHG - Optum
Java Full Stack Developer   **Jul 2022 - Mar 2024**

- Used AGILE methodology and actively participated in Scrum meetings to produce quality deliverables within time.
- Developed UI pages using HTML5, Angular, Bootstrap, CSS3, JavaScript, jQuery, AJAX.

- Developed asynchronous services call in Angular with Typescript and transacted data in JSON format between back-end and front-end applications.
- Used Angular features- data binding, routing, custom filters, custom directives.
- Involved in developing role based Angular navigation menu, where menu items change dynamically based on the values derived from the database in the form of JSON data.
- Automated Angular application module using protractor and Jasmine and created specs for various functional scenarios.
- Designed and developed XSLT transformation components to convert data from XML to HTML.
- Used SOAP protocol, JAX-WS and Apache CXF in development of web services.
- Used Hibernate Template in the data access layer to access and update information in the database.
- Developed Web services to allow communication between applications through REST.
- Extensively used Spring IOC, configured Application Context files and performed database object mapping using Hibernate annotations.
- Developed microservices with SpringBoot services interacting through a combination of REST and Apache Kafka message brokers.
- Worked on performance tuning of Cassandra cluster.
- Deploy SpringBoot based MicroServices, Docker container using Amazon EC2 container services and using AWS.
- Integrated Automation scripts (Selenium Web Driver API) on Continuous Integration tools Jenkins for nightly batch run of the Script. Created Project plan on Jenkins, configured scheduled using Cron job.
- Used Log4j for logging various levels of information like error, info, and debugging into the log files.
- Wrote unit testing codes using JUnit, resolved bugs and other defects using Firebug, JIRA.
- Involved in Unit integration, bug fixing, acceptance testing with test cases, Code reviews.

Northern Arizona University   **Jan '2022 – May 2022**
Louie Bot (Student Worker)   **Flagstaff, AZ**

- Developed voice assistant and speech recognition robot to solve the queries related to university policies, directions, HR Questions and performing simple tasks.
- Mentored 3 interns under summer 2022 program, working on Speech Louie Robot and neural networks machine learning.

Tech Mahindra   **Mar '2018 – Jul '2021**
Software Engineer   **Hyderabad, India**

- Designed, coded, developed and tested enterprise-level Java application. Used core Java extensively with Multithreading and Collections.Implemented MVC architecture by using Spring to send and receive the data from front-end to business layer.
- Developed Web services to allow communication between applications through REST.
- Used Spring AOP module to handle transaction management services for objects in any Spring-based application.
- Established microservices with Spring Boot services interacting through a combination of REST and Kafka brokers.
- Used Maven for build and deployment to Tomcat server and Splunk as log monitoring.
- Worked on Shell scripting for Automating the build and release process.

—--

EDUCATION

Master of Science – Computer Science   **Aug'2021 – Dec'2022**
Arizona University, AZ.   GPA **3.8/4**
- Majors: Large Scale Data Structures, Software Assurance, Advanced Intelligent Systems, Software Methodologies,Software Development and Engineering, Data Processing at Scale.

Bachelor of Technology in Electronics and Communication Engineering   **Sep '2013 – May'2017**
Jawaharlal Nehru Technological University Hyderabad, Kerala, India.   GPA **4/4**
- Majors: Data Structures and Algorithms, Theory of Computation, Computer Networks, High performance Computing.