MURALIKRISHNA NANDAGOPAL - Full Stack Java Developer

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Professional Summary

Skilled Senior Full Stack Java Developer with 9+ years of hands-on experience in Web Development, Core Java, Spring Framework & Restful Web service. Spearheaded successful transition from manual repetitive tasks to Automated workflows using Ayehu Eyeshare which reduced the manual effort of 20% at account level with synchronous solution offered to customer when the request is configured. Seeking to further improve Single Page Application building skills using Angular Framework.

Key Skills

- Programming Languages/Frameworks - Java/J2EE, Spring Core/AOP/Boot/Security, Hibernate
- Cloud Services - S3, EC2, Elastic Search, Data Pipeline, EMR, Cloud Watch, SNS, Lambda, Athena
- Web Service - Restful API, Microservice with Spring Boot & Spring Cloud
- Front End Technology – HTML5, CSS3, JQuery, JavaScript
- Automation Utilities – ITPA Framework – Ayehu Eyeshare
- Big Data Ecosystem – Apache Spark, Sqoop
- Chatbot Framework – Dialog Flow API
- Testing Framework – Junit, Mockito
- Database – MySQL, Oracle, PL/SQL
- Build, Versioning & Deploy Utility – Maven, Git & Jenkins

Employment History

Project Name – Global Financials – **Coimbatore** (Jan 2019 – TILL DATE)
Technology - S3, EC2, Elastic Search, Data Pipeline, EMR, Cloud Watch, SNS, Lambda, MySQL, Spring Boot
- Involved in the design phase of Elastic Search service which holds 30 million companies' financial info.
- Developing scripts/data pipelines to schedule the workflow and trigger the application functionality.
- Developing Lambda triggers for shutting down/starting up the EC2 instances when there is no activity.
- Experimenting with latest technology to make sure Application is cost efficient and scalable.
- Optimized Infra cost in lower environments which helped customer **reduce 30% of Operating cost**.

Project - Ayehu Eyeshare Automation - **Coimbatore** (Apr 2018 – Dec 2018)
Technology - Ayehu Eyeshare Tool, Nextgen Eyeshare Tool, Core Java
- Understanding use case with the help of Application SME and documenting the flow chart at high-level.
- Developed solution for standard requests by reading Ticket mailer and triggering the workflow.
- Deployed the use cases in Production through Release management & documentation process.
- Conducting educational sessions for new team members as a subject matter expert for the Eyeshare Tool
- Reduced **20% of monthly manual effort** due to the automation of 150+ use cases.

Project - Chatbot – STP Transfer File Status - Coimbatore (Jan 2018 – Mar 2018)
Technology - Dialog Flow API, Web Hook, ngrok, Flask Scripting – Python
- Developed Chatbot application which interacts with the user directly and responds to the user query.
- Developed scripts in Python to scan the logs with user inputs from Bot interface.
- Trained the Chatbot application to interact with users more lively.
- Reduced **20 hours/month** of Support team effort in responding to standard user queries.

Project - GIRD Dashboard - **Coimbatore** (May 2017 – Dec 2017)
Technology - Core Java, Spring Core, AOP, Hibernate, Junit Testing, SONAR, Oracle, HTML 5/CSS3
- Handling full stack programming tasks for the development of the dashboard to publish the metrics.
- Conducting requirements gathering and validation with Product owners to improve the dashboard.
- Improved efficiency and effectiveness of code by avoiding OWASP vulnerabilities.
- Integrated with third-party services and external APIs as a part of graphical representation of data.
- Adopting best coding practices in the development and handled **3 major bug-free releases** on-time.

Project - Product Ready Database (PRDB), **London** (Aug 2016 – May 2017)
Technology - Core Java, Spring Core, AOP, Oracle, Shell Scripting, SONAR
- Transforming client needs into the new product features for the Product Ready Database.
- Coordinated with technology and product teams in development of customer requirements.
- Documenting solution architecture for the product/services released in every quarter of the year.
- Published the Metrics involved in loading, processing and delivering the data to customers for live tracking.
- Optimized the lead time involved in processing source data by **3 hours/day** and able to provide faster GSRL's.

Project - Centralized Payment Services, **Coimbatore** (Dec 2010 – Aug 2016)
Technology - Core Java, Shell Scripting, Spring MVC, Junit, Restful Web Service, SONAR.
- Developing, design and implementation for security related enhancements with best industry practice.
- Developing new and customization to ensure blocking of fraud transactions by usage of AppSignature keys.
- Handled client/server-side validations along with clearing SONAR violations to ensure the quality of code.
- Provided technical expertise and updates in code for the all the enhancements of the product.

Education History
- Bachelor of Engineering in Mechatronics, Kumaraguru College of Technology, India   2006 – 2010
- Post Graduate Diploma in Business Administration, Annamalai University, India   2018 – 2019

Achievements & Certifications
- 2011 – Oracle Certified Java Professional.
- 2012 – Innovation Champion for Dun & Bradstreet account.
- 2013 – "Above and Beyond" Award for the excellence of work.
- 2014 – Certification on Root Cause Analysis Techniques.
- 2016 – Certified Developer Advanced – RESTful Web Services.
- 2017 – "Star Associate of AVM" account from Cognizant Leadership team.
- 2018 – Certified Developer – Apache Spark.
- 2018 – Certified Agile Scrum for Practitioners.
- 2018 – "Thank You" card from Business team for the exceptional performance.