**Ishwarya Murali**

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**Software Developer**

Analytical and results-driven **Software Developer** with 5+ years of experience in product/solutions development utilizing Java and PL/SQL. Comprehensive understanding of software development methodologies, with expertise in code optimization. Demonstrated ability to lead development teams, streamline processes, and deliver high-quality, scalable solutions within deadline-driven environments. Proficient in analyzing user requirements and translating them into technical specifications, resulting in efficient software solutions that meet or exceed client expectations. Adept at troubleshooting complex issues and implementing innovative solutions to enhance system performance and functionality. Seeking a new opportunity to leverage skills in a dynamic software development environment.

*Lawful Permanent Resident in US (Green Card).*

*Software Development Life Cycle | Requirements Gathering & Analysis | Object Oriented Programming | Coding | Shell/Bash Scripting | Release Management | Manual Unit Testing | Debugging | Relational Database | Training & Mentoring | Stakeholder Engagement | Agile Methodologies | Scrum/Kanban Methodologies | Cross-functional Coordination | Team Leadership*

***IT Skills/Tools****: Programming Languages: (Java, PL/SQL) – Proficient and (C, C++) - Familiar | Web Technologies (HTML, CSS) | Source Control Management (Git, Bitbucket), Oracle Forms and Reports | Jira*

**CAREER HISTORY**

**Standard Chartered Global Business Services**, Chennai, India Apr 2020 – Nov 2022

**Senior Software Developer**

* Communicated with internal stakeholders to gather requirements of all the assigned projects, as well as analyzed the requirements for feasibility for the application to adopt and initiate solutions.
* Participated in architectural discussions, conducted code reviews to ensure code quality, and analyzed and resolved any simpler or complex technical problems.
* Implemented best practices for software development, including code reviews, unit testing, and continuous integration/ continuous deployment (CI/CD) pipelines.
* Trained and worked with a team of 4 software developers on full software development lifecycle: requirements analysis, design, coding, testing, deployment, and maintenance of software applications and solutions.
* Coordinated with testers in the System and Regression Testing team to complete the testing phase.

***Significant Contributions***:

* *Completed 30 projects, maintaining a 95% defect-free rate, and conducting unit testing at a minimal level in at least 90% of the projects. Additionally, ensured seamless packaging of components for production rollout with zero issues.*
* *Led the ‘Pledging and Revocation of Stocks’ project, ensuring its delivery with 100% quality, making the company one of the first among the market players to deliver the product swiftly without any flaws.*
* *Independently devised 'Cash Netting' functionality to generate accurate trade-level reports for key clients in the Indian market, streamlining operations and saving 3 hours manual labor time daily during securities obligation processes.*
* *Conducted 8 knowledge transfer sessions for 4 new joiners and conducted code reviews for other projects.*
* *Resolved 20 project issues by bridging the communication gap between stakeholders and the team.*

***Awards:***

* *Secured ‘Outstanding Performer Award’, Standard Chartered, Sep 2022.*

**Standard Chartered Global Business Services** , Chennai, India Jun 2017 – Mar 2020

**Software Developer**

* Designed, coded, tested, and debugged software applications in line with established standards and best practices.
* Collaborated with cross-functional teams and stakeholders to analyze system requirements and design robust, scalable, and efficient software solutions, or modify the existing ones.
* Integrated software components with the existing systems and third-party applications, ensuring seamless communication and functionality.
* Participated in agile development methodologies, including sprint planning, daily stand-ups, and sprint reviews.
* Created and maintained technical documentation: user manuals, system specifications, and design documents.
* Conducted thorough testing of software applications to identify and resolve defects, bugs, and performance issues.

***Significant Contributions***:

* *Developed 20 projects with no defects in 90% of the projects, as well as handled 40+ production rollouts.*
* *Completed 30 implementation releases single-handedly with 0% implementation issues, helping internal stakeholders to release the products on time to the clients during the shortage of team members.*
* *Worked on Obsolescence project (upgrading DB server, Linux server and Application server).*
  + *Converted all the PRO\*C scripts (~100 files) to PL/SQL procedures and 900 Oracle forms and reports to latest versions by creating a Windows batch script to avoid manual work.*
* *Developed ‘INR to INR’ feature in the team of 3 to provide automated entries for transactions to platinum clients for Indian market, saving 1.5 hours/day in the operations manual time during actual transactions.*
* *Implemented SWIFT standard related projects spanning from 2018 to 2020, ensuring compliance with yearly changes mandated by SWIFT for the payment system. Utilized PL/SQL procedures for system communication and Java for generating comprehensive reports tailored to internal stakeholder requirements.*
* *Led documentation of the complete production rollout procedure, aiding the team in preventing implementation issues.*

***Highlights/Awards***:

* *Secured ‘Valued Behavior’ Award for showing excellent valued behavior, Standard Chartered, Jun 2019.*
* *Recognized with ‘Think Client’ Award for continuous learning and performing, Standard Chartered, Jun 2018.*

**EDUCATION**

**B.E. in Computer Science and Engineering**; CGPA: 8.87/10 | Thiagarajar College of Engineering, Madurai | 2013 – 2017

*Won Ms. Ryla Award among 50 participants, Ryla Personality Development Camp, Kadavur, Dec 2014*

***Undergraduate Project: Securing Network using Attack Graphs:*** *Designed and implemented an attack graph; implemented using C language and test was done using attack graph tool; completed the automation for detection of attacks happening in the system; achieved 80% efficiency in the automation of detection.*

**Certifications**:

* Financial Markets: A Beginner's Module – NCFM Certification from NSE, Feb 2019
* Cambridge English Level 1 Certificate (Business Vantage), Cambridge English Language Assessment, May 2015

**Volunteer Activities**:

* Solving problems in Leetcode platform (Java) and developing basic projects in HTML and CSS (uploading in GitHub).
* Bhumi NGO: Teaching Mathematics to 6th and 7th grade students, Nov 2021 – Apr 2022
* Rotaract club activity: Thiagarajar College of Engineering: Taught computer science to 7th and 8th grade students, 2016
* Participated in the 2 Marathons for the Cause of Saving Water and Cause of Corruption Free Society, Physical Education Department, Thiagarajar College of Engineering, Mar 2013 & Mar 2014 respectively.