

AYUSHI SHARMA

Software Developer

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Summary

- Over 11 years of experience in developing enterprise-grade software and optimizing systems through C++ and Python.
- Excelling in stakeholder management and cross-functional collaboration for each phase of Software development life cycle.
- Demonstrate a track record of enhancing codebases and boosting system reliability across multiple platforms, leveraging skills in SQL and Unix.
- Dedicated to driving forward-thinking solutions in software development, with a focus on strategic leadership and achieving tangible results.

Skills

C++ SQL Python Unix Visual Studio GIT JIRA Confluence

Stakeholder Management Cross-Functional Collaboration Technical Strategy Agile methodology

Experience

Macquarie group | Assistant Manager

09/2022 - 10/2024

- Lead the design and implementation in enhancing C++ code base and Python scripts for trading, boosting daily trade processing efficiently of software - Macquarie trading system.
- Collaborate on Linux platform improvements, achieving robust software performance.
- Streamline codebase, ensuring high-volume trade handling with minimal errors.
- Collaborate with stakeholders, testing team and release management team for providing solutions for complex trade processing resulting in smoother operations.

Synechron | Lead Developer

04/2021 - 09/2022

- Led C++ and Python development for HSBC gateway software connecting front office to middle office of trade processing, ensuring timely releases and resolving key issues. Collaborated on windows platform to enhance system and contribute in achieving critical project milestones.

Cognizant | Associate

04/2018 - 04/2021

- Worked as a core team member to enhance regulatory reporting of trades for Credit Suisse using XML and C++ on Windows and Unix platforms.
- Delivered timely updates for Reg. reporting system, ensuring compliance and operational efficiency.
- Utilized cross-platform skills to streamline trade reporting processes, reducing errors while testing the same.
- Collaborated with teams to identify and resolve complex coding issues, improving system reliability.

- Enhanced C++ code for a Sungard product called Clear Vision which was responsible for clearing and matching of trades .
- Worked on improving user efficiency and feature accessibility.
- Implemented new features and optimized existing ones, reducing processing time significantly.

Capgemini | Associate Consultant

06/2013 - 03/2016

- Developed C/C++ code for Transunion, enhancing model accuracy and client satisfaction.
- Collaborated on customized models, improving data processing efficiency for credit analysis.
- Implemented coding solutions, resolving client-specific challenges and optimizing performance.

Key Achievements

1. Leadership and Mentorship

- Led a team: "Led a cross-functional team of 4 developers to deliver a complex backend application on time."
- Mentored junior developers: "Mentored and trained 5 junior developers, improving their coding skills and productivity by 30%."
- Code reviews and process improvement: "Introduced code review practices that reduced bugs in production by 20%."

2. Software Development Lifecycle Contributions

- **Agile methodology:** Successfully led a team in an Agile environment, delivering new features every 2 weeks and ensuring high-quality software releases.
- **Documentation and best practices:** Created and maintained comprehensive C++ development documentation, improving onboarding time for new team members by 50%.

3. Technical Expertise and Problem Solving

- **Optimized performance:** Refactored legacy code to improve performance, reducing processing time by 50%.

4. Collaboration with Cross-Functional Teams

- **Cross-functional teamwork:** Collaborated with QA, DevOps, and product teams to deliver a complex trading engine in C++, achieving performance targets and user satisfaction.
- **Customer-facing solutions:** Worked with customers to gather requirements and provided solutions for custom feature requests, increasing client satisfaction by 30%.

Education

Bachelor of Technology

08/2009 - 06/2013