Harsh Mehta

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Summary

Accomplished software engineer with a Master's in Computer Science and 4+ years of experience, specializing in Java, C#, SQL, and modern web frameworks. Adept at delivering high-performance solutions, mentoring team members, and demonstrating strong leadership qualities. Committed to exceeding client expectations and driving success in the fast-paced technology industry.

Professional Experience

Charles River Development – A State Street Company, Boston, MA   **Jan 2020 – Present**
Senior Software Engineer I | Software Engineer II | Software Engineer I

- Delivered high-impact client enhancements and resolved complex issues in the order management area of Charles River IMS using Java, C# and SQL, leading to the onboarding of 6 clients for future releases.
- Implemented a robust Trading API privileging solution using Java, enhancing security and elevating performance by 20%.
- Spearheaded the Open Telemetry BIOS initiative, improving observability and reducing issue diagnosis time by 30%.
- Redesigned the Series Tracking module, enabling real-time tracking and increasing performance by 40%.
- Improved code coverage by 35% by writing comprehensive unit tests using JUnit for SME code areas.
- Excelled as a stand-in scrum master for 8 sprints, ensuring timely and effective delivery with zero defects.
- Mentored two interns, fostering a culture of continuous learning and instilling best practices in software engineering.

Charles River Development – A State Street Company, Boston, MA   **Jan 2019 – Jun 2019**
Software Engineer Co-op

- Engineered a performance testing and visualization utility using Java, React, Spring, and SQL, tracking Charles River IMS performance and detecting granular regressions.
- Collaborated with cross-functional teams to develop enhancements and fix critical bugs in complex areas.
- Optimized the proration algorithm by minimizing need of correction in the code, improving performance by 15%.

Chillr Inc, Mumbai, India   **May 2016 - Aug 2016**
Data Analyst Intern

- Analyzed customer transaction data using Splunk and Excel, providing insights that fueled targeted ad campaigns and boosted user engagement by 20%.

Semsons International, Mumbai, India   **May 2015 - Aug 2015**
Full-Stack Web Developer Intern

- Built an admin interface for an ecommerce website, enabling efficient management of products, orders, and inventory.

Education

Northeastern University, Boston, MA, USA   **Sep 2017 – Dec 2019**
Master of Science in Computer Science

NMIMS University, Mumbai, India   **Aug 2014 - May 2017**
Bachelor of Technology in Information Technology

Technical Skills

- **Languages:** Java, C#, SQL, JavaScript, Python
- **Web Technologies & Databases:** React, Angular, RESTful API, MS SQL Server, Oracle, MySQL
- **Tools & Cloud Services:** Git, Jenkins, Docker, JUnit, Azure, AWS

Projects

Plagiarism Detection System - *Project Lead*   **Feb 2018 - Apr 2018**

- Developed a web application for assignment submissions with a plagiarism detection feature, using Angular and Java.
- Implemented REST APIs for submissions and reports, and automated testing/deployment using Jenkins CI/CD pipeline.

Location-Based Web Game - *Project Lead*   **Mar 2018 - Apr 2018**

- Designed a real-time, location-based group gameplay application using React, Redux, PostgreSQL, Maps API, and Elixir.
- Implemented a leaderboard system that encouraged competition among users, increasing user engagement.