MICHAEL ANDERSON

Lead Software Engineer

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SUMMARY

Distinguished Healthcare Software Engineer with a profound expertise in developing innovative software solutions tailored for the healthcare sector. Demonstrates a comprehensive understanding of regulatory compliance and patient data security, ensuring that all applications meet the highest standards of safety and efficiency. Proven track record in leading cross-functional teams to deliver high-impact projects on time and within budget.

WORK EXPERIENCE

Lead Software Engineer HealthTech Innovations   *Jan 2023 - Present*

- Designed and implemented a cloud-based patient management system, improving patient tracking efficiency by 30%.
- Collaborated with healthcare professionals to gather requirements and develop user-friendly interfaces.
- Managed a team of developers, fostering a culture of innovation and excellence.
- Conducted code reviews and performance testing to ensure software reliability.
- Integrated third-party APIs for enhanced functionality and data exchange.
- Developed comprehensive documentation for software deployment and user training.

Software Engineer MedTech Solutions   *Jan 2020 - Dec 2022*

- Engineered software solutions for medical devices, ensuring compliance with FDA regulations.
- Participated in agile development processes, contributing to sprint planning and retrospectives.
- Utilized machine learning algorithms to predict patient outcomes based on historical data.
- Performed system integration testing to validate system performance and compliance.
- Provided technical support and training for end-users to maximize software adoption.
- Analyzed user feedback to guide iterative software enhancements.

EDUCATION

Master of Science in Computer Science, Johns Hopkins University   *Sep 2019 - Oct 2020*

ADDITIONAL INFORMATION

- **Technical Skills:** C#, Java, Python, SQL, Agile Methodologies, Cloud Computing
- **Awards/Activities:** Recipient of the 'Innovator Award' for outstanding contributions to software development in healthcare.
- **Awards/Activities:** Successfully led a project that reduced patient data entry errors by 25%.
- **Awards/Activities:** Authored a white paper on the impact of AI in healthcare software, presented at a national conference.
- **Languages:** English, Spanish, French