George Smith

Biomedical Engineer

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Profile Summary

Dynamic and solution-oriented Biomedical Engineer with over 5 years of experience in designing medical devices and developing healthcare solutions. Expert in leveraging cutting-edge technology to improve patient outcomes and enhance healthcare efficiency. Strong collaborator with cross-functional teams and adept at project management from conception through to delivery.

Work Experience

Senior Biomedical Engineer
Medtronic
1st Jan, 2018 - 30th Sep, 2023

- Designed and developed 10+ innovative medical devices, increasing efficiency by 30% and reducing costs by 15%.
- Led a cross-functional team of 12 engineers to deliver projects under budget and two months ahead of schedule.
- Implemented a new biocompatibility testing protocol that improved compliance with FDA regulations, resulting in a 25% reduction in approval time.

Biomedical Engineer
Boston Scientific
1st Jun, 2015 - 31st Dec, 2017

- Collaborated on the development of an implantable cardiovascular device that reduced patient recovery time by 40%.
- Established data-driven analysis tools, boosting R&D productivity by 20%.
- Conducted rigorous testing and validation, leading to the successful launch of 5 major medical products.

Education

Harvard University
Master of Science in Biomedical Engineering
1st Sep, 2013 - 31st May, 2015

University of California, Berkeley
Bachelor of Science in Biomedical Engineering
1st Sep, 2009 - 31st May, 2013

Skills

Project Management, Medical Device Design, Biocompatibility Testing, FDA Compliance, SolidWorks, MATLAB, Data Analysis

Notable Projects

Wearable Health Monitoring Device
Led a team to design a wearable health monitoring device, which tracks vital signs in real-time and is integrated with telemedicine platforms, enhancing remote patient monitoring by 50%.

Certifications

Certified Biomedical Auditor
Issued by American Society for Quality (ASQ), 22nd Nov, 2020

Awards

Innovator of the Year
Awarded by Biomedical Engineering Society, 15th Mar, 2022