



Senior Software Developer

ImpediMed is looking for a talented **Senior Software Developer** to join our Software Development team. Our modern software delivery on AWS requires you to have a full understanding of the software development life cycle, including databases and DevOps as they relate to the software development life cycle.

You will be part of a team that is passionate about delivering advanced solutions that can make a difference in patient's lives. The software team is constantly looking for improvements to bring improved software solutions to our customers. Your contributions at ImpediMed will have a lasting impact on cancer survivorship.

Who is right for this position?

- An individual who loves coding and never passes up a challenge to solve a problem with an innovative software solution.
- A leader on your current software development team who is looking for the next step in your career.
- A self-starter, who is comfortable working in a fast-paced, agile environment. Someone who keeps projects on track and leads troubleshooting efforts.
- A mentor and giver who enjoys learning from and collaborating with diverse teams.

Preferred:

- Experience with AWS
- Experience programming in node.js
- Experience working in a medical device industry

You will be able to collaborate with your team members in a friendly and supportive environment, where best practices are freely shared, recognized and valued. We look for candidates who demonstrate our Core Values of: Integrity, Accountability, Collaboration, Respect, Quality, and Compliance.

This position is a great opportunity to join an innovative, medical tech company that is on the cutting edge of changing the future of healthcare!

ImpediMed's Company Vision: ***Leave no patient untested who could benefit from our technology.***

POSITION SUMMARY

The Senior Software Developer role is responsible for developing software as it relates to the SOZO system. This role performs a variety of programming assignments requiring knowledge of established programming procedures and data processing requirements, maintains and modifies existing software projects and develops and maintains tests to assure the appropriate quality of the software. This role will interface remotely with the software development team in Europe.

PRIMARY DUTIES & RESPONSIBILITIES (Essential Functions of the Position) include but are not limited to the following. Other duties may be assigned.



Senior Software Developer

- Write code as it relates to back end of the software system in cloud setting, such as Amazon Web Service (AWS).
- Develop automated tests and perform manual testing for the software systems.
- Contribute to the design, architect, development and testing of a scalable, highly available and secure system to the customer in a SaaS environment.
- Stay up to date with new technologies.
- Develop secure code and follow the security policy of the company.
- Perform high level technical feasibility analysis of requested features.
- Participate in planning software evolutionary paths and feature roadmaps.
- Participate in the system specification review process to ensure system requirements can be translated into valid software architecture.
- Participate in architecture and code review to ensure quality of the design, avoid un-needed complexity, advocate for clarity.
- Maintain required privacy and security of all PHI and ePHI used to fulfill job duties in compliance with HIPAA and all other applicable laws and regulations.

QUALIFICATIONS GUIDELINES Typical Knowledge, Skills, & Abilities:

- Object oriented thinking and deep knowledge of programming languages, web application development, Node.js, Java, SQL or other database management systems, web services, communication protocols and APIs and interface engines.
- Working experience with Amazon Web Service (AWS).
- Experience with web programming languages and frameworks (e.g. node.js (primary), JavaScript, React.js).
- Strong understanding of software development life cycle.
- Solid understanding of databases (schema, SQL Server, MySQL etc.).
- Solid understanding of DevOps (Git, Jira etc.) as it applies to software development cycle.
- Excellent understanding of several security requirements as it relates to medical device, software, mobile apps and database.
- Ability to talk and present to peers and stakeholders clearly and concisely in both formal and informal environments.
- Strong communication and interpersonal skills with demonstrated collaborative teamwork capabilities. Ability to communicate and work successfully with remote teams across time zones, with different norms & cultures.
- Demonstrated ability to maximize efficiency when working with remote teams – to speed up development by strategically using time zone differences without loss of quality.
- Structured approach to troubleshooting and problem solving.
- Ability to work with and safely handle all PHI and ePHI information per HIPAA regulations and requirements.
- Must understand, follow and comply with regulatory requirements as applicable to various processes. An understanding of FDA Quality System Regulations and ISO Standards (ISO 13485) is required.



Senior Software Developer

- Must possess a thorough understanding of work-related standards and regulations, including but not limited to Standard Operating Procedures (SOPs) and Quality System Regulations (QSRs), both US and international.

TYPICAL MINIMUM EDUCATION, EXPERIENCE or CERTIFICATIONS

- Bachelor's degree in Computer Science, Electrical Engineering, Computer Engineering or equivalent.
- 5+ years of experience in a similar role developing complex software products in a cloud environment preferably AWS cloud.
- 5+ years of hands-on software and database development experience.
- Prefer Medical Device or regulated industry experience combined with digital health experience.

WORK ENVIRONMENT & PHYSICAL REQUIREMENTS

- Travel: Position requires business travel (including overnight), estimated at up to 10%. Must be available for occasional international travel. Valid driver's licence and valid passport required.
- Physical Demand: Light physical effort.
- Mental Demand: High degree of concentration.

BENEFITS

Life at ImpediMed

It is fast, it is fun, it is evolving, it is growing, and it is filled with smart, passionate, diverse, friendly people who want to make a difference in healthcare. We are 4 miles from the beach and are located within the Carlsbad Research Park with numerous paths and trails great for walking meetings or enjoying the outdoors during your workday by biking, running, or walking.

Total Rewards

At ImpediMed, we are strongly committed to our employees--their well-being, development, rewards, and recognition opportunities. One way we demonstrate this commitment is by offering a valuable, competitive package of compensation and individualized benefits programs aimed at the varying needs of our diverse and global teams. The sum of our programs is one of the many reasons people choose to work at ImpediMed. We regularly benchmark against other companies in our industry to ensure our Total Rewards package is competitive and of value.

We offer full healthcare benefits including: Medical PPO/HMO/HSA Plan Choices, Dental Plan, Vision Plan; 401(k) with employer match for full-time employees once vested in plan. Basic Life, AD&D, STD/LTD, Employee Assistance Program (EAP) and employee discount programs.

Diversity & Inclusion

It is our diverse teams who drive our innovation, creativity, and success. We value the unique backgrounds and experience of all our employees and share a set of core values of ethical behavior for



Senior Software Developer

conducting our business. - Integrity, Accountability, Collaboration, Respect, Quality, Compliance. We continuously strive to provide an environment where employees not only feel they can succeed, but also where they can thrive.

This position may require access to patient Protected Health Information (PHI) and may also involve access to electronic Protected Health Information (ePHI). Those in this position are required to comply with all final regulations including the Health Insurance Portability and Accountability Act of 1996 (HIPAA).

ABOUT IMPEDIMED

Based in Brisbane, Australia with its principal office located in Carlsbad, CA, USA and a European office in Thessaloniki, Greece, ImpediMed is the world leader in the design and manufacture of medical devices employing bioimpedance spectroscopy (BIS) technologies for use in the non-invasive clinical assessment and monitoring of tissue composition and fluid status. ImpediMed Limited is a public company listed on the Australian Stock Exchange (ASX: IPD).

ImpediMed devices are currently used in both the clinical and research settings with future applications being developed for home use. ImpediMed has over 15 years of clinical experience supporting

healthcare professionals in the assessment of secondary unilateral lymphedema of the limbs. ImpediMed's devices are used in a variety of settings to aid surgeons, oncologists, therapists, and radiation oncologists. Our research devices are thought of as a gold standard measurement system for non-invasive fluid and body composition measurement, used in both animals and human research.

We were the first company to receive FDA clearance in the U.S. to aid healthcare professionals to clinically assess unilateral lymphoedema of the arm and leg in women and the leg in men, for our L-Dex® U400 device. ImpediMed's products are unique in the field of BIS which is the gold standard in bioimpedance. They scan the full frequency range from 3kHz to 1000kHz taking readings from 256 unique points. In BIS, ImpediMed has developed devices which are the most accurate and clinically useful in this field. ImpediMed is respected in the BIS field for the strong scientific foundation of its approach to BIS with over 400 peer-reviewed journal articles. ImpediMed's products are designed and manufactured to an ISO 13485 Medical Devices Quality System.

The company is advancing the state of the art in BIS technology with our new product platform called SOZO®. Only SOZO® by ImpediMed uses proprietary bioimpedance spectroscopy technology to gather and retain thousands of unique data points related to fluid status and tissue analysis, then applies indication-specific algorithms to produce accurate, detailed and actionable results in only 20 seconds. SOZO® identifies opportunities for early interventions that may prevent certain conditions and slow or reverse the progression of others, resulting in better health and quality of life. A single, powerful SOZO® reading allows individualized, proactive care across multiple specialties for improved clinical and economic outcomes. SOZO® is the world's first interactive health monitor to use ImpediMed's patented bioimpedance spectroscopy (BIS) technology to monitor a person's fluid status and tissue analysis.



Senior Software Developer

ImpediMed produces a family of FDA cleared and CE Marked medical devices, including SOZO®, sold in select markets globally. For more information, see our website at www.impedimed.com.

ImpediMed's management team includes executives who have international experience in successfully introducing innovative medical products to global markets. The organization is dynamic and professional and has been built from the ground up with a strong team of enthusiastic and dedicated senior managers, researchers and employees. The company is on a dramatic growth path with the strong demand for its unique product offerings and offers exciting career opportunities.

ImpediMed is an Equal Opportunity/Affirmative Action Employer

TO APPLY:

Please email your resume to employment@impedimed.com subject line reading: **Senior Software Developer**