



Job specification

Senior Full Stack Developer

Technology Services

Employment status: Permanent

Reporting to: Software Engineering Manager: Meraki

Location: Johannesburg

About Healthbridge

As Healthbridge we exist to liberate life through transforming healthcare. We creatively look for ways to make healthcare more affordable, accessible and effective for everyone. Our innovative HealthTech solutions ensure that patients, healthcare providers and other role players in the healthcare ecosystem benefit by collaborating together.

We seek high performers with a positive, growth mindset who will thrive in a culture based on strong values, accountability, openness, collaboration and no politics.

About the team

The Technology Services Development team is responsible for the creation, maintenance and support of the Healthbridge Platform systems. We collaborate closely with our Product and Quality Assurance Teams to ensure that our clients have a great experience. Looking for ways to improve and innovate, both technically and in the way we work, is part of our culture.

About growth

Growth opportunities at Healthbridge are wide and varied, with excellent growth opportunities within the role itself to become a specialist. We are a dynamic and growing company that rewards great performance with not only the standard progression (take-my-boss'-job) path, but also offers exciting opportunities to those wishing to expand their horizons.

About the job

As a Senior Full Stack Developer in the Technology Services team at Healthbridge, you'll be responsible for developing, maintaining, optimising, and troubleshooting our cloud platform. You'll work across the full technology stack, contribute to software design and patterns, and ensure adherence to



engineering standards. This role suits someone who values collaboration, embraces a self-organising team culture, is passionate about delivering real impact in the healthcare industry, and is eager to passionately adopt the latest changes in the technology industry, specifically in automation and AI innovation.

Role purpose

The purpose of this role is to be part of the design and delivery of software solutions that innovatively and efficiently make our vision a reality, and delight our clients. , You will be exposed to cutting-edge technologies and architecture, and work in an Agile environment.

Description

- You will be tasked with writing new code, operating, troubleshooting, maintaining, integrating and continually enhancing the Healthbridge digital products.
- Develop, maintain, operate, optimise and troubleshoot the Meraki Business Line's digital products.
- Design patterns aligned with best practices, in particular specific to Angular, but may be with different technologies as well.
- Ensure application architecture and design compliance with industry best practices, coding standards, unit testing standards, exception handling standards, code/peer review process, defect management and development environments
- Participate in code reviews to ensure code quality and adherence to coding standards.
- Utilize AI tools and agentic AI software development models as part of day-to-day delivery.
- Work together with multiple pods to deliver quality products that are simple to maintain while automating the SDLC and operational flows as much as practical.

Job requirements

Knowledge and skills

- The software development life-cycle, such as Agile methodology
- Front and backend best practices
- Systems Thinking – the ability to see how parts interact with the whole (big picture thinking)
- Problem Solving
- A keen eye for detail and ability to deliver user interface designs that both match requirements and provide a great customer experience

Qualifications and experience

- Tertiary degree (BS in Computer Science, Software Engineering, B.Com Informatics or other related technology degrees)
- Minimum 8 years of experience (with strong advantage for candidates with 10+ years of experience) in the software development industry with both front-end development and



back-end experience across a wide variety of technology sets (Web, mobile, desktop, microservices)

- 4 years' experience with Angular 2 (v12 or higher preferred) using Typescript-based web UI framework is a necessity and mandatory for this role.
- Experience with HTML5 with CSS3
- Experience with no-sql databases will be advantageous
- Experience with Google Cloud Platform, Firestore, Cloud Functions, and Firebase is an advantage
- Experience with JAVA/C#/SQL/JSON/XML development is beneficial
- Strong understanding of application architecture principles, such as design patterns, scalability, performance optimization, fault tolerance, security, and maintainability, with a proven ability to apply them in practical software development scenarios.
- Proficiency in software design principles and best practices, including but not limited to SOLID principles, modular design, separation of concerns, design patterns, and code reuse.
- Modern SDLC such as Agile methodology using Kanban and/or Scrum, is essential
- Experience in working with remote teams is highly advantageous
- Experience in healthcare is strongly preferred

Behavioural Competence

- A passion for product development and excellence
- Willingness to work as a member of a team, to work on personal brilliance while making the team better as a whole.
- Ability to deliver to challenging timelines with great quality
- High level of professional flexibility and openness to innovative new ideas
- Ability to self-manage, self-organise and work autonomously
- Strong ability and willingness to learn and have an open mindedness to different approaches, ideas and points of view
- Ability to recognise the constructive feedback in any critique
- Prepared and committed to continual learning and self-development
- Ability to challenge and be challenged on set ways of thinking, having an open and open mindset
- Ability to recognise and appreciate constructive feedback and constructive criticism

Technical competence

- In-depth understanding of industry wide traditional enterprise (e.g. middleware, application servers, relational databases), web, mobile and modern technologies (e.g. NoSQL database, stream and data processing).
- In depth understanding of technologies used in Healthbridge Practice and Clinical systems:
 - Angular 2 (Version 12+ preferable)
 - JavaScript/TypeScript & ES6
 - HTML5/CSS3



- RxJS
- Functional programming principles
- Application architecture principles
- Software design principles and patterns