

	JOB DESCRIPTION	RES-JD-01 v1.1
---	------------------------	---------------------------

Author:	<i>S van der Wat</i>
Effective date:	<i>2018-03-12</i>
Approved:	<i>NJ Klopper</i>

Position: Backend Developer

Department: Backend Development

Work location: Building 2, Ashlea Gardens Office Park, 180 Garsfontein Road, Ashlea Gardens, Pretoria, South Africa

Supervisor/Manager: Lead Backend Developer

Company Description:

hearX Group is an innovative start-up providing smart solutions for healthy hearing. Our low-cost mHealth solutions provide user-friendly interfaces to clinically valid tests, with cloud-based data management and integrated referral systems linking patients to healthcare services. hearX Group’s vision is to impact the 1.2 billion people globally who suffer hearing difficulties, through affordable access to screening or testing solutions and linkage to hearing health.

Our award-winning products are used in over 25 countries. Our aim is to impact on an individual, community and global level by creating sustainable, smart solutions for hearing health for everyone

Main duties and responsibilities:

We’re growing at an incredible pace and are are looking for a well-versed, enthusiastic backend developer to join the team and help build out an ambitious roadmap. Work will vary between exciting new projects in line with provided designs and frameworks and maintaining and upgrading our current service offering, through improving and streamlining projects alongside further updates and additions. You would be required to report to the lead backend developer. At hearX, you will be exposed to a vast array of world-first mHealth systems. The mHealth space is growing rapidly worldwide and the hearX Group is at the forefront of providing effective and scalable solutions.



JOB DESCRIPTION

RES-JD-01
v1.1

That being said, the successful candidate will need to be agile to accommodate for high-stress and often dynamic situations.

Specific responsibilities include:

- Communicate and collaborate with our current team to solve problems and discuss best programming practices
- Design, build, and maintain efficient, reusable, and reliable code
- Ensure the best possible performance, quality, and responsiveness of the systems and identify issues, bugs, and bottlenecks and devise solutions to these problems
- Be involved in the planning, design and development of new systems
- Taking personal ownership for projects and work quality
- Following best practice design and development methodologies in sustaining a high quality, clean, auditable and manageable system.
- Working within QMS frameworks for CE certification compliance.
- Attend meetings alongside the development lead, where necessary, with stakeholders for requirement analysis and feedback purposes.

Education and/or work experience requirements:

- Bachelor's degree in Computer Science or Engineering
- Minimum of 3 years' work experience
- Strong Linux skills
- Experience in NodeJS (Java/Golang/Ruby/Elixir is a plus)
- Experience with API development (REST, RPC, GRPC)
- Familiarity with MySQL, Docker, Elasticsearch (bonus)
- Experience with Continuous integration
- Well versed in Git
- HTML and CSS experience
- Javascript/Typescript, HTML, css/scss (Angular/ReactJS is a plus)
- Great debugging and reasoning skills
- Being able to cope in stressful and dynamic (post-startup) environments.
- Team player mentality with a strong focus on taking personal ownership.