# Skills and Jobs

## Job #1: Full stack Developer

## Job brief

This job will have you be apart of launching a new application from the beginning. You will work alongside a team of individuals all as passionate but in their own field. We are looking for a Full Stack Developer to produce a functioning application using a database with matching tables. You will be part of a cross-functional team from the beginning working out what is needed.

As a Full Stack Developer, you should be comfortable around both front-end and back-end coding languages, development frameworks and third-party libraries. You must be a team player as we are looking to begin this project so there is a lot of teamwork.

## Responsibilities

* Work with development teams and product managers to ideate software solutions.
* Design client-side and server-side architecture
* Build the front-end of applications through appealing visual design.
* Develop and manage well-functioning databases and applications.
* Test software to ensure responsiveness and efficiency.
* Troubleshoot and debug.
* Create security and data protection settings.
* Build features and applications with a mobile responsive design.
* Write technical documentation.

## Requirements

* Proven experience as a Full Stack Developer or similar role
* Experience developing desktop and mobile applications.
* Familiarity with common stacks
* Knowledge of multiple back-end languages (e.g., C#, Java, Python) and JavaScript frameworks (e.g., Angular, React, Node.js)
* Familiarity with databases (e.g., MySQL, MongoDB), web servers (e.g., Apache)
* Excellent communication and teamwork skills
* Great attention to detail
* An analytical mind
* Degree in Computer Science, Statistics, or relevant field (Preferred).

(Resources Workable, Could not locate)

## Job #2: System and network Engineer

## Job Brief

This job will have you be a part of launching a new application from the beginning. You will work alongside a team of individuals all as passionate but in their own field. Now this Job is a mix of two high level jobs that will be merged due to the workload not being so demanding. There will be an offsider to help with little things here and there. Now as

You are responsible for the design and implementation of networked computer systems (internal) as well as maintaining the network you are responsible for designing, implementing, monitoring, and managing the local and wide area networks for the company.

You will also have to look after the AWS server that we will be using.

## Responsibilities

* Designing and implementing new network solutions and/or improving the efficiency of current networks
* Installing, configuring, and supporting network and office equipment
* Managing an AWS server that contains the database for the application.
* Procuring network equipment and office equipment
* Configuring firewalls, routing, and switching to maximise network efficiency and security.
* Maximising network performance through ongoing monitoring and troubleshooting
* Arranging scheduled upgrades
* Investigating faults in the network
* Updating network equipment to the latest firmware releases
* Reporting network status to key stakeholders

## Requirements

* An analytical mind
* An ability to learn new technologies quickly.
* An ability to follow processes.
* Strong documentation skills
* Good communication skills
* Commercial and business awareness
* Computer software/computer systems engineering
* Computer systems and networks
* Electrical/electronic engineering
* Degree in Computer engineering (Preferred).

(Robert Half, 2020)

## Job #3: Security Analyst

## Job Brief

This job will have you be apart of launching a new application from the beginning. You will work alongside a team of individuals all as passionate but in their own field.

As a security analyst you will be able to lock down and secure our internal network and the server that will host our database. You will work alongside a penetration team before launch to ensure everything is ready to go.

You must be able to identify threats and isolate them to protect our clients’ data.

You will also complete documentation to be used as procedures for employees to ensure minimal threats are taken at the business.

## Responsibilities

* Monitoring security access
* Be able to work with a penetration testing team.
* Conducting security assessments through vulnerability testing and risk analysis
* Performing both internal and external security audits
* Analysing security breaches to identify the root cause.
* Continuously updating the company’s incident response and disaster recovery plans
* Verifying the security of third-party vendors and collaborating with them to meet security requirements.
* Publishing documentation for internal personal to ensure security.
* Checking code written by developers to ensure no loopholes.

(RACV, 2021)

## Requirements

* Demonstratable experience in cyber security analysis and incident handling
* Strong organisational, presentation, and customer service skills.
* Experience with SOAR technologies and playbook development
* CEH (Certified Ethical Hacker)
* Experience working in Agile environments.
* Strong analysis, planning and management skills.
* Ability to execute to time and quality, juggling multiple priorities in an iterative/sprint driven environment.
* Advanced oral and written communication skills with ability to present and articulate using a variety of verbal, written and visual methods where appropriate to a diverse range of audiences.

(loop, 2021)

## Job #4: UI/UX Designer

## Job Brief

This job will have you be a part of launching a new application from the beginning. You will work alongside a team of individuals all as passionate but in their own field.

You will be able to design then create an interface for iPhone users (further growth is to be expected). The interface will have to be approved by a board of investors, on top of this you must design the company logo and manage the website. There will be an individual that will maintain the hosting side of things so you will purely need to just manage the website in terms of design and functionality.

## Responsibilities

* Illustrate design ideas using storyboards, process flows and sitemaps.
* Design graphic user interface elements, like menus, tabs, and widgets
* Build application navigation buttons, fields, etc.
* Develop high fidelity UI mock-ups and prototypes that clearly illustrate how our application function and look like
* Create original graphic designs (e.g., images, sketches, and tables)
* Prepare and present rough drafts to internal teams and key stakeholders.
* Identify and troubleshoot UI problems (e.g., responsiveness)
* Conduct adjustments based on user feedback.
* Create the application once the board has agreed.
* Create and maintain the webpage.

(Hexagon, 2021)

## Requirements

* Have had decent experience in responsive design.
* Understand best practice for web.
* Can flesh out an initial design concept from wireframe to low fidelity prototype, high fidelity prototype and then working prototype.
* Are obsessive when it comes to attention to detail and quality of work and can work at pace.
* Love hitting deadlines and can manage your time effectively.
* Can work alongside a team of professionals.
* Can maintain the UI functionality of the website.
* Strong JAVA is preferred as we have a prototype with it.

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