**KONZA DATA CENTER INTERNSHIP (Software & Applications)**

**BACK-END DEVELOPER JOB DESCRIPTION**

Responsibilities

* Compile and analyze data, processes and codes troubleshoot problems and identify areas of improvement.
* Collaborating with the front-end developers and other team members to establish objectives and design functional, cohesive codes to enhance the user experience.
* Developing ideas for new software or products by monitoring industry developments and trends.
* Recording and analyzing data and reporting it to proper parties such as clients or leadership
* Participating in continuing education and training to remain current on best practices, learn new programming languages and technologies to better assist the team.
* Deploying applications to the cloud

Requirements

* A portfolio of previous projects worked on.
* Bachelor’s degree in computer science, software engineering or a related field.
* Fluency or understanding of languages such as Python, PHP, Node.js, mySQL/PostgreSQL.
* Understanding of frameworks such as Django and Laravel.
* Understanding of linux and windows operating systems.
* Strong understanding of software development life cycle, programming techniques and tools.
* Focus on efficiency, user experience and process improvement.
* Excellent time management skills.
* Strong problem solving, verbal and written communication skills.
* Ability to work independently or with a group.

**FRONT-END DEVELOPER JOB DESCRIPTION**

Responsibilities

* Determining the design and structure of web pages.
* Collaborating with the back-end developers and other team members to establish objectives and design functional, cohesive codes to enhance the user experience.
* Ensuring user experience determines design choices.
* Developing features to enhance the user experience.
* Striking a balance between functional and aesthetic design.
* Ensuring web design is optimized for smartphones.
* Building reusable code for future use.
* Optimizing web pages for maximum speed and scalability.
* Maintaining brand consistency throughout design.
* Designing prototypes for products during the early stages of development.

Requirements

* Portfolio of previous projects worked on.
* Degree in Computer Science or related field.
* Understanding of key design principles.
* Proficiency in HTML, CSS, JavaScript and JQuery.
* Understanding of server-side JavaScript.
* Experience in graphic design applications such as Adobe Illustrator and Photoshop.
* Experience with responsive and adaptive design.
* Understanding of SEO principles.
* Good problem-solving skills.
* Excellent verbal and written communication skills.
* Good interpersonal skills.
* Excellent time management skills.

**BUSINESS PROCESS ANALYST JOB DESCRIPTION**

Responsibilities

* Create process documentation/workflows. Knowledge articles and self-service guidance for IT services.
* Collect and document business requirements for project and process improvement/automation efforts.
* Facilitate process workflow modelling in order to collaborate on process improvements, automation capabilities and clearly defined end-to-end use cases.
* Review information and trends to ensure that the output of processes is achieving the desired results and that services are meeting agreed upon service levels.
* Maintain a complete understanding of and adheres to all IT policies and processes.
* Communicate with workers at all levels to evaluate key performance measures of loss and cost.
* Create process plans that contain project goals, milestones, and resources.
* Provide detailed reports indicating system necessities and software functionalities in terms of operation.

Requirements

* Previous working experience as a business analyst.
* Excellent organizational and time management skills.
* Outstanding communication and presentation skills.
* Critical thinker.
* Showcase good analytical and evaluating skills.
* Good knowledge of business modelling terminology.
* Data driven approach.