**CECOS UNIVERSITY JOB DESCRIPTION**

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| Position Title  | Software Developer  |
| Department  | IT |
| Reporting To  | Manager IT |

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| **POSITION DESCRIPTION**  |
| The candidate should be a team player with a keen eye for detail and problem-solving skills. Someone who can do both back-end and front-end software development. S/he shall be able to build efficient programs and systems that serve user needs.The duties will primarily revolve around building software by writing code, as well as modifying software to fix errors, adapt it to new hardware, improve its performance, or upgrade interfaces. S/he will also be involved in directing system testing and validation procedures, and also working with customers or departments on technical issues including software system design and maintenance.To be successful in this role, s/he will need extensive knowledge of programming languages and the software development life-cycle. |

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| **Required Qualification, Experience and Skills**  |
| **Qualifications and Skills Required** | Bachelors in Computer Science or Information Technology or Software Engineering (four years) from HEC recognized University /Institution |
| **Minimum Field of** **Expertise**  | Two years of relevant experience of Oracle Application Express (APEX), SQL, Web and Mobile App Development and hands-on experience of System Application and Products in Data Processing (SAP), Enterprise Resource Planning (ERP) customization, implementation, data migration etc. |

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| **REQUIRED JOB COMPETENCIES (Technical and Soft Skills)**  |
| *S#*  | *Competency*  | *Criticality (High / Low / Medium)*  |
| **1.**  | Knowledge of the software development life-cycle | High  |
| **2.**  | The desire to work in a fast-paced environment | Medium |
| **3.** | Ability to develop unit testing of code components or complete applications | Medium |
| **4.** | The ability to learn new technologies quickly | Medium |
| **5.** | An analytical mind | High |
| **6.** | * The ability to communicate complex procedures to other colleagues
 | Medium |
| **7.** | * Commercial and business awareness
 | Medium |
| **8.** | * Attention to detail and desire to probe further into data
 | High |

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| **DUTIES AND RESPONSIBILITIES** |
| * Providing assistance to staff, faculty and students in increasing their efficiency and quality of service through the construction and development of new IT systems and streamlining it with the CECOS computing systems and programs.
* Updating existing database / applications where applicable
* Designing, planning and developing new apps/software/database systems that help the employees and students accomplishing their tasks.
* Developing applications or database systems using Oracle APEX, SQL, JavaScript or any other relevant and suitable technologies and maintaining and updating the same from time to time as and when required.
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| **Any other** |