 **Software Applications Developer II Standard Job Description**

**Classification Title:** Software Applications Developer II

**FLSA Exemption Status:** Exempt

**Pay Grade:** 69

**Job Description Summary:**

The Software Application Developer II, under direction, performs complex and specialized software development support functions, such as troubleshooting, analysis, research, de-bugging, and problem-solving.

**Essential Duties and Tasks:**

**30% Problem Resolution, Technical Evaluation, and Project Management**

* Reviews and analyzes software documentation and production results to facilitate problem resolution.
* Troubleshoots and resolves complex problems by reviewing and analyzing software documentation and production output to identify causes, solutions, and make appropriate referrals.
* Evaluates and follows through on issues and problems until resolved or escalated.
* Assists with data architecture design.
* Participates in the evaluation of software products and programming languages to determine their applicability to a specific system or project.
* Assists the project leader with developing work plans and time schedules for projects, including outlining phases, identifying personnel, and computing equipment requirements.

**25% Project Planning and Consultation**

* Consults with clients to review project plans and schedules, secures approval of test results, and discusses problems or concerns.

**25% Design, Programming, and Testing**

* Designs complex programs, program modifications, or applications.
* Develops specifications based on input from the customer and creates complex design documents.
* Reviews and writes complex programs, program modifications, or applications.
* Tests complex programs, program modifications, or applications.

**20% Duty Title (for the department's use)**

* Remaining Percentage Can Be Determined by Department to Meet Business Needs or Can Be Incorporated into Percentages Above.

**Qualifications**

**Required Education and Experience:**

* Bachelor’s degree or equivalent combination of education and experience.

**Required Experience:**

* Three years of software applications developer experience.

**Required Licenses and Certifications:**

* None

**Required Knowledge, Skills, and Abilities:**

* Ability to multitask and work cooperatively with others.

**Additional Information**

**Machines and Equipment:**

* Computer
* Phone

**Physical Requirements:**

* None

**Other Requirements and Factors:**

* Required to be on call, work weekends, and times outside regular business hours as warranted by business necessity.
* This role may require working outside of standard office hours, including evenings, weekends, and holidays, to support the demands of technology services and ensure the seamless operation of essential systems.
* This position is security sensitive.
* This position requires compliance with state and federal laws/codes and Texas A&M University System/TAMU policies, regulations, rules and procedures.
* All tasks and job responsibilities must be performed safely without injury to self or others in compliance with System and University safety requirements.

**Is this role ORP Eligible? If so, it needs to meet the criteria on the** [**Rules and Regulations of the Texas Higher Education Coordinating Board**](https://reportcenter.highered.texas.gov/reports/data/user-friendly-version-of-ch-25/)**.**

**Yes**

**No**

**Does this classification have the ability to work from an alternative work location?**

**Yes**

**No**