Systems Integration Analyst

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WAUKESHA COUNTY TECHNICAL COLLEGE

Salary: $82,600.00 - $92,880.00 Annually

Location: WI 53072, WI

Job Type: Full time

Job Number: 2025-06-25TW

Department: Information Technology Services

Division: Administrative Operations

Opening Date: 09/02/2025

Grade/Level: E06

Description

As a key member of the Information Technology Services team, the Integration Specialist is responsible for supporting the institution's ongoing efforts in system interoperability, digital transformation, and delivering modern user experiences. This role involves designing, developing, and maintaining API and SDK integrations that connect critical campus systems, including student information systems, learning management platforms, enterprise applications, and the institutional data lake. It requires a versatile developer who is comfortable working with various integration development languages, including but not limited to PHP, Python, JSON, and others. The specialist plays a key role in ensuring seamless data exchange, supporting integrations with third-party vendors, and enabling campus departments with dependable and scalable technical solutions.

Characteristic Duties and Responsibilities (include, but not limited to)

ESSENTIAL DUTIES AND RESPONSIBILITIES
This position description should not be interpreted as all inclusive. It is intended to identify the major responsibilities and requirements of the job. The incumbents may be requested to perform job-related responsibilities and tasks other than those stated on this description.

- Develop, maintain, and optimize API and SDK integrations between institutional systems and external platforms.
- Collaborate with teams to design scalable, secure, and compliant integration solutions that align with institutional goals.
- Provide technical guidance and support to internal departments, vendors, and partners integrating with institutional APIs and SDKs.
- Troubleshoot and resolve integration issues, with a strong emphasis on secure data integrity and continuity of service.
- Document integration processes, API/SDK functionality, and best practices for both technical and non-technical audiences.
- Train other IT staff on how to work with APIs and SDKs using the created documentation, promoting internal knowledge sharing and support capabilities.
- Monitor integration performance and implement improvements for efficiency, reliability, and security.
- Stay current with higher education technology trends, data privacy standards (e.g., FERPA), and security practices.
- Work cross-functionally with various campus departments to support integration needs and ensure alignment with institutional goals.

Minimum Qualifications

REQUIRED KNOWLEDGE, SKILLS, AND ABILITIES:

- Proficiency in RESTful APIs, GraphQL, Webhooks, and OAuth authentication.

- Experience developing and maintaining SDKs (e.g., Java, JavaScript, PHP, Python, iOS, Android).
- Strong programming skills in one or more languages such as PHP, Python, Java, or JavaScript.
- Experience with API design/testing tools such as Bruno, Postman, and Swagger (OpenAPI).
- Familiarity with integration platforms, middleware, or API gateways.
- Excellent analytical, problem-solving, and communication skills.
- Knowledge of PHP frameworks (e.g., Laravel, Symfony) for API development.
- Experience supporting integrations with Learning Management Systems (LMS), CRM systems, or Student Information Systems (SIS).
- Familiarity with data privacy and compliance requirements specific to higher education (e.g., FERPA, accessibility standards).
- Understanding of CI/CD practices and DevOps workflows related to API and SDK deployment.
- Knowledge of Python environments, including virtual environments, dependency management, and packaging best practices.
- Familiarity with AI tools and frameworks, such as machine learning APIs, AI-assisted development tools, or data analytics platforms, and their relevance to higher education.

Minimum Requirements

- Bachelor's degree in Computer Science, Information Systems, or a related field (or equivalent combination of education and experience).
- Minimum 2 years of experience in API/SDK development and integration
- Experience working with Ellucian products, particularly Banner, in a higher education setting is preferred.

Supplemental Information

The Systems Integration Analyst position supports the Information Technology, and will remain open until filled.

****Please note this is an on-site position.****

Salary
Salary will be determined based on relevant experience, and review of internal equity.

Application Materials
All candidates (both internal and external) must attach a current resume and cover letter to their online job application.

Letters of recommendations are welcome, but not required.

Interviews
Selected candidates will be invited to an onsite panel interview, TBD.

WCTC offers a wide range of outstanding benefits. Benefits include, but not limited to:

- Competitive compensation
- Comprehensive Benefits Package including health, dental, vision, life, long-term disability, supplemental life, flex spending accounts, and much more
- Generous time off and holiday schedule
- Eligibility in the Wisconsin Retirement System (ETF)
- Opportunities for professional growth and development (including tuition reimbursement, tuition waiver)
- Well-being activities to support personal and professional well-being
- Collaborative and supportive team environment

Candidates must be legally authorized to work in the United States on a permanent basis. Verification of employment eligibility will be required at the time of hire. Visa sponsorship is not available.

EO/AA Employer/Educator. Reasonable Accommodations will be provided for qualified individuals with disabilities.

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