Data Integration Engineer II
Worcester Polytechnic Institute

Job Title	Data Integration Engineer II
Department	Integration Services & Data Management
Institution	Worcester Polytechnic Institute
	Worcester, Massachusetts
Date Posted	Sep. 16, 2024
Application Deadline	Open until filled
Position Start Date	Available immediately
Job Categories	Professional Staff
Academic Field(s)	Information Technology
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Job Description	

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JOB TITLE
Data Integration Engineer II

LOCATION
Worcester

DEPARTMENT NAME
Integration Services & Data Management

DIVISION NAME
Worcester Polytechnic Institute - WPI

JOB DESCRIPTION SUMMARY

Reporting to the Assistant Director of Integration Services and Data management, the Data Integration Engineer II will be responsible for analyzing, designing, developing, and implementing robust and scalable integrations. This position supports all integration and data management-related services. They will also be a key contributor in maintaining and enhancing the Identity management solution.

Enterprise Cloud Systems & Integration Services supports applications and initiatives across WPI, including Workday and Salesforce. The successful candidate will be a critical member of the Enterprise team, working closely with other developers and business users to identify, develop, and implement modern and robust integrations, data management, and Identity management solutions. This senior-level role will also serve as a mentor to other developers and promote industry standards and development best practices.

WPI is passionate about creating an inclusive workplace that promotes and values diversity. We are looking for candidates who can support our commitment to equity, diversity and inclusion.

The is a remote position and the salary range is $82,600 - $103,300, based on experience.

JOB DESCRIPTION

Responsibilities:

- Design, develop, and support complex integrations between various enterprise applications (i.e. Workday and Salesforce).
- Build the infrastructure required for optimal extraction, transformation, and loading of data from a wide variety of data sources using cloud technologies such as SnapLogic (IpaaS), SQL, AWS, Informatica, and PRISM Analytics.
- Promote extract-transform-load (ETL) standards in alignment with industry best practices.
- Independently execute end-to-end integration projects, including requirements gathering, development, testing, and production support.
- Design, model, create, and maintain an optimal data architecture that supports business intelligence reporting and analytic solutions for the university.
- Assist with data management-related projects, including the retirement of legacy application data and implementation of new data systems.
- Understand and maintain WPI's end-to-end ID generation process and identity management solution (Informatica MDM).
- Provide platform support for technologies like AWS, Snaplogic, and other tools required used by the team.
- Collaborate effectively with functional users and IT staff to create data collection and

consumption plans that align with the university's priorities.
- Create mappings to move data from source systems into the enterprise reporting and analytics environment.
- Provide on-going support for integrations.
- Prototype options for new application integrations to ensure the best integration approach is taken.
- Perform code reviews and code migrations.
- Provide knowledge transfer and mentoring to other data integration engineers.
- Understand all university data privacy policies and ensure that solutions implement appropriate security controls and models.
- Perform other duties as assigned.

Minimum Requirements:

- Bachelor's degree in a technical discipline or equivalent experience.
- Minimum of 2 years of related experience.
- Experience with analysis, design, development, testing, implementation of integration solutions using cloud integration/ETL tools and technologies, such as Snaplogic and Informatica.
- Understanding of XML, JSON, APIs, and web calls.
- Experience with Informatica MDM preferred.
- Knowledge of AWS resources like Redshift are preferred.
- Knowledge of Workday APIs preferred. Experience with Workday cloud connect, EIBs, Studio, and Extend/Orchestrations preferred.
- Ability to write SQL scripts and procedures.
- Data warehousing experience is preferred.
- Workday Prism experience is preferred.
- Ability to translate business functionality to technical requirements.
- Ability to recommend and implement solutions in accordance with industry best practices.
- Excellent time management, organization, and planning skills.
- Manage multiple assigned tasks/projects with minimal supervision.
- Outstanding verbal and written communication skills, ability to work with diverse teams across all levels.
- Higher education experience preferred.

FLSA STATUS

United States of America (Exempt)

WPI is an Equal Opportunity Employer that actively seeks to increase the diversity of its workplace. All qualified candidates will receive consideration for employment without regard to race, color, age, religion, sex, sexual orientation, gender identity, national origin, veteran status, or disability. It seeks individuals with diverse backgrounds and experiences who will contribute to a culture of creativity, collaboration, inclusion, problem solving, innovation, high performance, and change making. It is committed to maintaining a campus environment free of harassment and discrimination.

To apply, visit: https://wpi.wd5.myworkdayjobs.com/en-US/WPI_External_Career_Site/job/Worcester/Data-Integration-Engineer-II_R0002944-1

About WPI
WPI is a vibrant, active, and diverse community of extraordinary students, world-renowned faculty, and state of the art research facilities. At WPI, we have competitive and comprehensive benefits, including health insurance, long-term care, retirement, tuition assistance, flexible spending accounts, work-life balance and much more.

Diversity & Inclusion at WPI
WPI is committed to creating an inclusive workplace where everyone feels valued and respected; a place where every student, faculty and staff member can be themselves, so that they can study, live, and work comfortably, to reach their full potential, and make meaningful contributions in order to meet departmental and institutional goals. WPI thrives on innovative practice and welcomes diverse perspectives, insight, and people from diverse lived experiences, to enhance the community environment and propel the institution to the next level in a competitive, global marketplace.

Contact Information

Please reference Academickeys in your cover letter when applying for or inquiring about this job announcement.

Contact

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N/A

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