

Software Engineer: Internal Business Applications

Location: Windsor, California

About Micro-Vu

Micro-Vu designs automated 3D measuring machines. These machines use 3D software, image processing, precision mechanics and motion control, lasers, tactile probes, and 3D sensors to measure mechanical dimensions on various parts to accuracies of a micron.

Micro-Vu manufactures these machines in a highly-automated factory at its campus in Northern California. Customers purchase Micro-Vu machines to measure their parts for quality control and assurance. Cell phone manufacturers, medical device and aerospace companies, and many smaller industries use Micro-Vu machines in their facilities around the world.

Micro-Vu has 115 employees and is located in Windsor, California near the Russian River. Micro-Vu was established in 1959, and has become a leader in automated 3D industrial measurement. Engineers must be highly-motivated and passionate about bringing the best possible products and technologies to the market.

Job Summary

The applicant will be responsible for modernizing, automating, and streamlining several areas of a manufacturing company that has transformed into a technology company by applying modern technology towards optimizing company operational efficiency. Tasks may include but are not limited to:

- Writing SQL scripts to extract data for analytical purposes from local or cloud databases.
- Maintaining external and internal-facing web platforms using HTML, JavaScript or Python.
- Developing new customized features on top of third-party Enterprise Resource Planning and Customer Relation Management software systems.
- Integrating multiple business and engineering operations services across API boundaries.
- Data management, including entry and organization of business information into databases.
- Collecting, monitoring, analyzing, and communicating metrics as appropriate.
- Working independently and confidently with minimal guidance from others.
- Utilizing excellent written and verbal communication skills to effectively interact with personnel across the company, including accounting, administration, engineering, manufacturing, purchasing, sales, service, and shipping and receiving.

Education

MS or BS in Information Systems Management, Software Engineering, or equivalent.

Minimum Qualifications

- Experience implementing services with web technologies including HTML, Python, or JavaScript
- Experience interacting with and managing conventional and cloud-based database systems like SQL, Azure, or Google Datastore
- Experience working with third-party APIs such as Google API or other REST APIs
- Proficiency with software development techniques and version control
- Personal maturity and discretionary judgment at all times; performing with high energy, integrity, honesty, trustworthiness, and the ability to keep sensitive matters confidential.

Preferred Qualifications

- Experience with ERP or CRM systems like Salesforce, Oracle NetSuite, SAP etc.
- Understanding of accounting, tax preparation, finance, and general business workflows
- Proficiency in IT administration and tools such as Windows Server, Active Directory, Linux, AWS, Azure or G Suite
- Experience with development or engineering operations tools such as JIRA, Jenkins, cloud-based Continuous Integration services.