Bhanu Suraj Kurella

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TECHNICAL SKILLS

Languages	:	*Python, Java, C, SQL, PHP, dwl (deta weave - mulesoft), XML, json*
Web Technologies	:	*Javascript, HTML5, CSS3, Jquery, Ajax*
Frameworks	:	*Google cloud, JUnit, AWS (Lambda, EC2, S3, DynamoDB), SOAP UI, Apache*
Mulesoft - Salesforce	:	*Mulesoft anypoint studio, mulesoft anypoint platform, mule ESB, cloud hub, supportforce, workbench*
Developer Tools	:	*Mulesoft anypoint studio, Android Studio, CodeX*
Database	:	*Snowflake, MySQL, NoSQL, Oracle DB*
Version Control	:	*Git, CVS*
Relevant Coursework	:	*Web development, ML and data mining, Data visualization, Object Oriented Programming*

EDUCATION

University of Cincinnati   **August 2023 – December 2024**
Master of Science in Information Technology, (3.86/4.0)   *Cincinnati, Ohio*

WORK EXPERIENCE

University of Cincinnati   **October 2023 – Present**
Member Services Lead, UC Campus Recreation Center   *Cincinnati, Ohio*
- Conduct interviews to recruit new Member Services staff and identify qualified candidates to join the team.
- Demonstrated strong sales and negotiation skills by generating a revenue of $10,000

PricewaterhouseCoopers (PwC)   **July 2021 – August 2023**
Associate-2, Full-Time   *Bangalore, India*
- Collaborated with four diverse engagement teams over a span of 2 years, emphasizing versatility in the MuleSoft integration domain.
- Received comprehensive training in microservices, J2EE, MuleSoft, and Tibco integration services.

Leading Beverage Manufacturer Project (SAP cloud , NetSuite , ShipEdge)
- Identified the need for seamless integration between cloud-based ERP systems, EAT systems, and Oracle databases.
- Developed and integrated 5+ MuleSoft APIs, skilfully transforming 50+ intricate XML and JSON data structures monthly.
- Resulted in robust connectivity and data flow, reducing manual efforts by 40 hours per week during production phases.

Short-Term Healthcare Project (Legacy system, Salesforce, Oracle DB)
- Faced an urgent requirement to develop APIs for Salesforce integration within a tight 3-week timeframe.
- Swiftly delivered 3 critical MuleSoft APIs and innovated a reusable error handling framework.
- Achieved enhanced integration efficiency, reducing error rates by 30% and meeting the project's strict deadline.

Major Healthcare Client Project (Oracle DB, Salesforce)
- Confronted challenges in integrating vast amounts of data between Oracle DB and Salesforce, coupled with frequent row data locking issues.
- Led the entire MuleSoft integration process and developed a custom MuleSoft API automation to resolve Salesforce's row data locking challenges.
- Successfully managed over 100,000 Salesforce data records monthly, saving 80 hours of manual error correction.

Field Service Management Project (P21 epicor, MS-SQL DB, Salesforce)
- Tasked with integrating multiple systems and addressing the complexities of connecting with Salesforce's composite APIs.
- Orchestrated the MuleSoft integration of 3 systems and authored an experiential API and process API for seamless connectivity.
- Achieved a stellar 99.8% uptime, which was instrumental in securing an $800k extension project for the company.

PROJECTS

U.S. Cities Demographics through Data Mining and Visualization | *Python, NumPy, pandas, Beautiful Soup, Matplotlib*

* Conducted a comprehensive analysis on over 50 U.S. cities by web scraping Wikipedia using Beautiful Soup, followed by data cleaning and analysis with pandas and NumPy, preparing the dataset for insightful analysis.
* Visualized demographic trends and patterns using Matplotlib, highlighting key insights on urban demographics, and presented findings in an academic setting, demonstrating the potential for urban planning applications

Advanced Health Monitoring & Real-Time Visualization | *PSpice, Arduino UNO, Python, HTML, JavaScript, SQL, Google Firebase*

* Built a sophisticated health monitoring system using PSpice for circuit design and Arduino UNO for vital signs data capture, integrated with Python and SQL for efficient data analysis and predictive modeling on Google Firebase, streamlining patient care processes.
* Implemented a real-time data visualization webpage hosted on Google Firebase, utilizing HTML and JavaScript to display patient vitals and alerts dynamically, enhancing the immediacy and effectiveness of health monitoring.