

Evan Hill

Senior Data Engineer

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❖ SUMMARY

Accomplished developer with 14+ years in automation and data integration, excelling in SQL development, API development, RPA technologies, and software engineering principles including Agile and DevOps. Demonstrated expertise in UIPath, SSIS, and Selenium to drive business process enhancements. Verified adeptness in debugging and enhancing database systems to optimize efficiency and performance.

❖ SKILLS

Programming	Python, R, Scala, Java, Javascript, Typescript, PHP, C#, C++, Go
Frameworks	Django, Flask, Java Spring Boot, Node.js, Express, Nest, React, Next.js, Angular, Vue, Nuxt.js, Laravel, ASP.Net, .NET Core, GraphQL, FastAPI, Rest APIs, React Native, Swift, Ionic, Splunk
Database	MySQL, PostgreSQL, MongoDB, T-SQL, NoSQL, DynamoDB, RabbitMQ
Tools	Git, Github, Gitlab, Bitbucket, NPM, Yarn, PNPM, Webpack
Cloud Services	AWS, GCP, Azure
Automated Testing	Jest, Mocha, Chai, Cypress, Enzyme, Playwright, Unittest, Pytest, Selenium, Puppeteer

EDUCATION

University of Tennessee, Knoxville – Bachelor’s degree in Data Processing

Jan 2002 - Dec 2009

❖ CERTIFICATIONS

- ✓ AWS Certified: Solutions Architect – Associate
- ✓ AWS Certified: SysOps Administrator – Associate
- ✓ Microsoft Certified: Azure Network Engineer – Associate
- ✓ Microsoft Certified: DevOps Engineer – Expert
- ✓ Data Science with Python
- ✓ Machine Learning in Python

❖ EXPERIENCE

Aircall, New York, NY – Senior Data Engineer

Jun 2017 – Mar 2025

- Excelled at **SQL development** and automated test case writing, collaborating with business partners to execute robust integration solutions that enhanced departmental workflow, aligning with software engineering principles.
- Mastered the development and deployment of new integrations across varied departments, improving the State of Wisconsin's intra-network communications with efficient data source connections and robust tool-based automation.
- Implemented comprehensive **API development** and testing protocols using tools like **Postman**, ensuring seamless database communication and eliminating historical integration bottlenecks and manual data entry errors.
- Led efforts in **RPA technology** application, embedding **UIPath** within existing frameworks to streamline business processes and automate repetitive tasks, resulting in a notable increase in organizational efficiency.
- Enhanced database tables and refined stored procedures, leveraging expertise in **SSIS** to facilitate large-scale data migrations, thereby reducing data loading times and improving data accessibility.
- Utilized **Selenium** for integrating advanced automation tests, enhancing software validation processes and addressing potential systemic loopholes before deployment, which improved software reliability metrics.
- Defined, designed, and deployed keen integration solutions by collaborating with cross-functional teams, ensuring newly deployed solutions met organizational compliance and triggered operational benefits.
- Improvised release processes with **DevOps practices**, leading to meticulous software maintenance and high-level performance, significantly reducing downtime in the enterprise software environment.

- Developed and updated comprehensive technical design documents that illustrated complex integrations, securing stakeholder approval and facilitating team onboarding for newly developed solutions.
- Troubleshoot and debug persistent integration issues, implementing iterative solutions to address connectivity challenges in multiple legacy systems until seamless interoperability was achieved.
- Post-deployment, maintained enterprise software environments, exercised timely troubleshooting to resolve anomalies and preserved software integrity across multiple server configurations.
- Adopted emerging tech advances to reshape integration practices, ensuring the State of Wisconsin's processes remained cutting-edge, facilitating superior, cost-effective integration solutions.
- Designed and applied new database triggers to signal critical operations, assuring that automated tasks were executed with precision and accurately, thus enhancing overall process reliability.
- Utilized **PowerApps** to custom-develop tools that provided user-friendly interfaces for non-technical personnel, easing interaction with complex data and improving UI experience.
- Assisted in creating and maintaining a collaborative environment among cross-functional teams, promoting seamless information flow, and fostering innovation in integration projects.
- Built and deployed automation algorithms for data accuracy and process efficiency using **Workato Integration**, directly improving the quality and response times of departmental data operations.
- Integrated **continuous improvement processes** into existing frameworks, driving adjustments that ensured sustained, effective workflow and removed redundant manual methods.
- Performed rigorous unit and integration testing to identify potential issues preemptively, applying deep analytical skills to minimize post-release complications and technical debt.
- Analyzed existing business processes, identifying opportunities for automation to increase staff efficiency and optimizing resource deployment, achieving measurable improvement in outcomes.
- Gathered cross-departmental requirements and align them with integration goals, ensuring solutions were thoroughly comprehensive and met the unique needs of all stakeholders.

Eccalon, LLC, Hanover, MD – Data Engineer

Mar 2010 - Apr 2017

- Collaborated on high-impact projects focusing on **SQL development** to implement swift, reliable, and scalable integration solutions, eliminating data silos and manual intervention at Google.
- Contributed to high-value **API development** that underpinned Google's project ecosystems and enhanced ecosystem reliability, facilitating new feature deployments on a global scale.
- Designed extensive automation workflows using **UIPath** and **Selenium**, achieving substantial reductions in manual labor and increasing overall system throughput with reliable process automation.
- Applied **DevOps practices** to optimize test and deployment operations, resulting in streamlined development cycles and higher software quality without compromising on security.
- Conducted successful integrations using **PowerApps** and **Postman**, smoothening data input operations, thus laying the groundwork for enriched user interaction and increased operational efficacy.
- Improved data mining processes and strengthened database structure through optimized stored procedures and advanced ETL mechanisms via **SSIS**, ensuring faster, more accurate data access.
- Incorporated rigorous automated testing methodologies and tools to preempt and rectify software defects, thereby enhancing system reliability and user satisfaction.
- Devised and executed precise integration strategies that synthesized new solutions with existing applications, achieving synergy and realizing ROI with each deployment.
- Maintained high-functioning enterprise software ecosystems, spearheading tech updates that kept Google at the forefront of tech advancement while optimizing performance metrics.
- Utilized advanced **RPA components** to refine repetitive task operations, saving valuable team hours and directing focus towards strategic projects that advanced business goals.
- Developed and updated detailed technical design documentation to illuminate integration intricacies, ensuring seamless knowledge transition and enhancing project success rates.
- Facilitated cross-departmental collaborations to define, develop, and deploy integrations that met rigorous quality standards and addressed evolving project requirements.
- Engaged in technical troubleshooting and debugging endeavors, securing rapid identification and resolution of integration challenges while fortifying team expertise.
- Kept apprised of the latest tech developments to inform decision-making in integration approaches, securing a future-ready stance in Google's tech strategies.
- Crafted tailored integration models aligned with corporate strategy, igniting sustainable improvements in operational efficiency and reducing costly redundancy.
- Devoted effort to advancing integration testing practices with an emphasis on performance, scalability, and end-user benefit, capturing issues preemptively.
- Applied hands-on expertise in **RPA tools** to implement nuanced workflow automation, successfully eliminating procedural delays and scaling dynamic project workflows.
- Engaged with tech partners to harness contemporary integration technologies, facilitating project goals while bolstering interconnectivity across Google's systems.

- Elevated business process analysis, applying analytical rigor to enhance workflows and realize efficiencies, driving successful projects within the tech landscape.
- Addressed integration issues through enlightened problem-solving and debugging, fortifying systems against potential breaches and enabling continuous service delivery.