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John Van Note

Summary

John Van Note is a Senior Software Engineer in the Consulting practice of Ernst & Young LLP. He has over 5 years of experience in cyber security and software development, architecture, and design. Over the past 3 years, he has focused on the implementation of Identity and Access Management (IAM) solutions including large migrations of Identity Governance and Administration (IGA) platforms.

Experience

- Mar. 2017 - **Senior Software Engineer, Identity & Access Management**, *Ernst & Young (acquired from Sila Solutions Group December 2019)*, Arlington, VA.
- Technologies used: *Java, Jenkins, Vagrant/VirtualBox, Git/SVN, Docker, Bash/Shell Scripting, AWS.*
- Led the design and development of complex integrations with third-party Identity & Access Management (IAM) solutions. This was coded primarily in Java using TestNG/EasyMock for unit testing, and Vagrant/Docker for integration testing.
 - Designed the high-level architecture for a resume parsing application, following a model-view-controller (MVC) design pattern. The application leveraged ReactJS for the front end, Spring Boot for the business logic, Elasticsearch for data storage, and Jenkins for build automation.
 - Implemented practice-wide code standardization practices including automation, code review methodology, telemetry, and test procedures.
 - Mentored and trained over twenty junior software developers including entry-level and experienced hires.
- Mar. 2015 - **Software Support Engineer**, *Corporation Service Company*, Wilmington, DE.
- Mar. 2017 - Technologies used: *Java/Groovy, Python, BASH, Apache HTTP Server, Apache Tomcat, IIS, Oracle WebLogic, SQL, Git, VirtualBox.*
- Designed and developed a Groovy application, which automated a previously manually-compiled monthly application performance index. The application aggregated data from multiple reporting tools leveraging the Splunk SDK for Java and reading from an Oracle 11g database backend.
 - Engineered and supported the implementation of enterprise ETL and Business Intelligence Reporting tools across four environments, spanning more than fourteen application servers. Participated in planning, configuration, and troubleshooting of all server-side decisions.
 - Automated reporting processes using VBA, which parsed data and generated charts in Microsoft Excel with a single click as opposed to a manual process.
 - Developed a solution to remediate application latency in an Apache Tomcat application by creating an extensible custom Python library to execute BASH commands on Linux servers.
 - Authored a variety of BASH scripts to common Linux/Solaris server issues.

Education

- Sep. 2008 - **Bachelor of Science in Business Administration, Minor in Computer Science**, *Drexel University*, Philadelphia, PA, *3.59 GPA.*
- Jun. 2013

Technical Tools

- **Programming/Scripting Languages:** Java, Groovy, Python, C/C++, BASH, VBA, JavaScript, PowerShell.
- **Development Tools:** Git/SVN, Vagrant, Jenkins, Maven/Ant, IntelliJ/Eclipse, Docker.
- **Web Servers:** Apache HTTP Server, IIS, Apache Tomcat, Oracle WebLogic.
- **Databases:** Oracle, MySQL, Amazon Aurora.