

Shrinithi Narayanan

CONTACT
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San Francisco Bay Area

EXPERIENCE **Veeva Systems**, Pleasanton, CA

Working in Java, Python, SQL

Senior Software Engineer

April 2024 - Present

- Created APIs to update data in bulk in development/staging/production environments and manually verified consistency of API output with data
- Wrote framework from scratch for Study Grade feature to allow customers to check their clinical data studies are well designed
- Coordinated with customer Argus teams to validate client connections to support AS2 gateway

Software Engineer

April 2021 - April 2024

- Supported enhancements to E2B Safety Reports to allow mapping data across forms
- Migrated labs execution data to new version to streamline the study development process
- Created validation code to catch incoming bad data and prevent committing to the databases
- Allowed better search functionality by traversing dependent objects for the search terms
- Refactored code to allow creation of studies using different systems to capture study data
- Enhanced deployment capabilities by supporting moving new data formats across environments
- Oversaw fixes by writing a Python script to find incorrect data and generate CSVs of corrected data for customers
- Delivered Safety Link feature to support sending adverse events to safety systems via EDI/AS2 gateway
- Performed data model changes to support new feature designs
- Executed change controls to modify production data when necessary
- Interfaced directly with service teams to resolve customer issues in a timely manner
- Helped onboard new engineers by explaining the application and development standards

Associate Software Engineer

May 2019 - April 2021

- Implemented backend code to support drag-and-drop form design, enabling customers to build studies quickly and efficiently
- Added to system-generated Study Differences Report to accurately document all changes between two studies
- Developed deployments feature to push study designs across environments
- Expanded rule editor capabilities to help customers design rules to further dynamically generate form design
- Enhanced casebook validations in parallel with new features to catch unsynced data

EDUCATION **Rice University**, Houston, TX

B.S., Computer Science

Trustee Distinguished Scholarship

Aug 2015 – May 2019