

Priya Shah

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EXPERIENCE

PARIVEDA SOLUTIONS | SENIOR CONSULTANT

October 2019 - Present | Philadelphia, PA

- Created user stories and acceptance criteria to improve application user experience and the development process
- Conducted interviews with clients and ran design workshops
- Provided analysis of market competition to aid sales proposals and onboarding
- Worked on features, support tickets and marketing workshops for an API Marketplace built using ASP.Net Core, Angular and Azure API Management service in an agile environment
- Configured and deployed a unified infrastructure in AWS to ingest and allow data scientists to consume data at a Pharmaceutical company
- Designed a SQL database, setup an ASP.Net Core API and created build and release pipelines in Azure DevOps for an Azure web application used to view sales opportunities for an Energy retailer
- Developed an production-ready e-commerce iOS application using Xamarin in 6 months for Distribution company

CARDCONNECT | SOFTWARE ENGINEER

August 2018 - October 2019 | King of Prussia, PA

Worked on portals which are used for to onboard merchants to accept credit cards and process transactions

- Implemented features, refactored, fixed bugs, and made hotfixes using Spring and AngularJS. Contributed to completing critical path features such as streamlining the boarding process by 76%

VANGUARD | DEVELOPER

July 2016 – August 2018 | Malvern, PA

Centralized financial reporting in a data lake on the cloud to perform analytics

- Set up AWS services using infrastructure as code
- Wrote modular bash scripts to bulk transfer data from Windows files shares and Oracle databases to S3 and a Hive database

Transformed a manual Excel process into a web application to determine each fund's per share distributions and capital gains

- Built RESTful web services and batch processing using the Spring and Jersey (JAX-RS API)
- Designed and developed layout and logic in an AngularJS UI and modified PL/SQL stored procedures
- Drafted wireframes for the UI to present requirements and potential user experience solutions to business clients
- Correlated business requirements to code for integration tests using Behavior Driven Development (Cucumber)
- Presented on best practices and lesson learned to managers and developers in the organization
- Wrote documentation to aid onboarding, code reviews, and enforce coding standards

RESEARCH

VILLANOVA UNIVERSITY | GRADUATE RESEARCH ASSISTANT

October 2018 – Present | Villanova, PA

E. Kim, J. Yarnall, P. Shah, G. Kenyon, "A Neuromorphic Sparse Coding Defense to Adversarial Images", International Conference on Neuromorphic Systems, ICONS, 2019.

- Researched Neuromorphic Computing using Intel's Loihi chip
- Created proof of concepts using Python (Numpy, SciPy) and MATLAB
- Trained and tested on the CIFAR-10 and MNIST datasets

EDUCATION

VILLANOVA UNIVERSITY | MASTER'S IN COMPUTER SCIENCE

2017 - 2019 | Villanova, PA

Teaching Assistant, Database Systems and Machine Learning Data Science | January 2018 - December 2019

Grace Hopper Attendee | October 2017 | Orlando, FL

DREXEL UNIVERSITY | BACHELOR'S IN ELECTRICAL ENGINEERING AND COMPUTER ENGINEERING

2011 - 2016 | Philadelphia, PA

Fall Break in Japan at Tamagawa University | September 2015 | Tokyo

Finalist, Revolutionary Aerospace Systems Concepts Academic Linkage | June 2013 | Cocoa Beach, FL

SKILLS

LANGUAGES & FRAMEWORKS

Python • C Sharp • Java • Angular • HTML5 • CSS3 • Git • Bash • SQL • Matlab

APPLICATIONS

Amazon Web Services (EC2, S3, Lambda, IAM) • Databricks • AzureDevOps • Atlassian Tool Suite • Microsoft Office