

Nirav Patil

Software Engineer



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CA

SKILLS

Methodology: SDLC, Agile, Waterfall

Programming Languages: Python, PL/SQL, SQL

Framework: Django, Flask, Angular.JS

IDES: Jupyter Notebook, PyCharm

Package & Tools: NumPy, Pandas, Matplotlib, SciPy

Cloud: AWS

Web Technologies: HTML, CSS, JavaScript, Restful

Databases: MySQL, PostgreSQL

Version Control / Other Tools: Git, GitHub

Operating System: Windows, Linux

EDUCATION

Master of Science in Computer Science

California State University, Fullerton, CA

EXPERIENCE

AmerisourceBergen, CA | Jan 2021 – Current | Software Engineer

- Implemented and followed Agile development methodology within the cross-functional team and acted as a liaison between the business user group and the technical team.
- Implemented and enhanced CRUD operations for the applications using the MVC (Model View Controller) architecture of Django framework and python conducting code reviews.
- Responsible for Working with various Python integrated development environments like PyCharm and Jupyter Notebook.
- Developed project's web page as a Single Page Application (SPA) by using AngularJS and JavaScript API and build a delivery driver application.
- Worked with AWS Cloud platform and its features which includes EC2, S3, and Lambda.

Agile Infoways Pvt. Ltd. (Ahmedabad, India) | Jul 2017 – Jul 2019 | Software Engineer

- Developed the models and applications in Python and Python web frameworks like Flask and Django.
- Deployed the applications on Heroku.
- Designed the interface and UI using front-end technologies such as HTML5, JavaScript and CSS3
- Designed, developed, and deployed web applications using AWS and AWS services like lambda and S3.
- Worked in fast paced and agile environment.
- Integrated multiple data sources and databases into one system.
- Worked independently as well as in a team environment.
- Worked on the bug tracking, version tracking software and processes on Windows and Linux.

Kpit Technologies, India | Nov 2016 – Jun 2017 | Software Engineer

- Designed RESTful Webservices using FLASK, with emphasis on improved Security for the service using FLASK- HTTP AUTH with HTTPS.
- Successfully migrated the Django database from MySQL to PostgreSQL with complete data integrity.
- Worked on MongoDB database concepts such as locking, transactions, indexes, replication, and schema design.
- Designed and developed continuous integration using Python, Flask, GitHub.

SUMMARY

- 3+ years of experience as a Web/Application Developer and coding with analytical programming using Python, JavaScript, and Django.
- Proficient in all phases of the Software Development Life Cycle (SDLC) using methodologies like Agile and Waterfall.
- Good knowledge of various Python IDEs using PyCharm, and Jupyter Notebook.
- Proficiency in using frameworks and tools like Django, Flask, and Angular.JS.
- Knowledge of Python programming with various packages including NumPy, Matplotlib, SciPy, and Pandas.
- Having working knowledge of creating User Controls, Web Forms, and client-side validations using JavaScript and Angular.JS.
- Proficiency in RDBMS implementation and development using SQL, PL/SQL stored procedures and query optimization.
- Working knowledge of Amazon Web Services (S3, Lambda and EC2) and Cloud Data Management.
- Proficient in working with different databases like MySQL, and PostgreSQL and NoSQL databases like MongoDB.
- Good knowledge of using version control systems like GIT (Windows).