YASH PATEL

(626)-491-1966
yash261261@gmail.com

PROFILE

Highly collaborative and energetic professional with experience working in startups, mobile apps, websites. Through strong leadership, creativity, and effective communication I enable teams and companies to achieve results and create outsized impact.

EDUCATION

MS in Computer Science
Cal State LA, USA (3.78)
August 2016 - Dec 2018
Coursework: Data Structure and Algorithms, Python, Software Engineering, Machine Learning, Computer Networks, Cryptography and Information Security, Web Programming.

B.Tech in COMPUTER ENGINEERING
INDUS University, India (3.5)
August 2012 - May 2016

TECHNICAL SKILLS

Programming Languages:
Python, Java, R, C++

Frameworks and Libraries:
Django, Flask, Javascript, Angular JS, React, Vue JS.

Tools used:
Balsamiq, Mixpanel, Google Analytics, Pycharm, Tableau, Jupyter Notebook, RStudio, Visual Studio Code, Git, Ms Excel, Ms Access, JIRA, Confluence.

Certifications:

- "Becoming a Product Manager" by Cole Mercer!
- "Learning Jira Software" by Robert Anthony!
- "Product Manager: Customer Development" by Jay Clouse!
- "Product Management First Steps"

REFERENCES

Corina Guzman
Sr. Software Engineer & Team Lead at b.well Connected Health
+1 512-850-8187

Hema Ramaswamy
B.well Connected Health - VP - Engineering and Architecture
hema.ramaswamy@gmail.com

PROFESSIONAL EXPERIENCE

SOFTWARE ENGINEER/ ASSOCIATE PRODUCT MANAGER

B.WELL CONNECTED HEALTH | AUSTIN, TX — **APRIL 2019 - Current**
PYTHON | DJANGO | SQL | SQLAlchemy | REACT | ANGULAR | AWS |

-Competently working on full-stack application to enable new functionalities, solve bugs, and integrate API's.
- Help ensure identity verification of users when accessing services such as medical records, insurance, and other healthcare data. (https://www.healthcareitnews.com/news/mastercard-bwell-launch-tech-enable-patient-id-verification)
- Built an access code service for a new COVID-19 vaccine scheduling app leading to 50k+ vaccinations.
- Decouple several processes from a monolithic backend application and contribute to the front end for client deliverables.
- Enhance user experience by talking to customers, taking their problems into consideration, and working on them.
- Measure customer happiness by including NPS Triggers in the app.
- Collect requirements for new flow of Mastercard through wireframes and work on several features.
- Enable the platform to send SMS messages using Twilio.
- Created ETL process of analytics data to the data pipeline and fixing several bugs and improved performance.
- Help CX team in support and resolvement of tickets. Help new employees in setting up the local environment and improving the setup process.
- Test the mobile application and website to report bugs and create tickets.
- Integratedata from 3rd party tools such as Zendesk, OneSignal, and Twilio.

SOFTWARE ENGINEER

MAINTSTAR — **MAY 2018 - AUG 2018**
PYTHON | DJANGO | | MYSQL | JAVASCRIPT | HTML5/C | ETL | R

-Created a Python/Django-based web application for data processing using MySQL as a database and HTML/CSS for frontend development.
- Performed dynamic UI designing with HTML5/CSS3, Bootstrap, and JSON.
- Prepared Mockups as per client requirements using Balsamiq Mockups.
- Supported and maintained client website with the DJANGO system for various website needs.
- Compiled client/project requirements from the business team ensuring that requirement statements are complete, consistent, concise, comprehensible, traceable, feasible, unambiguous, and verifiable.

SOFTWARE ENGINEER

SILVERTOUCH TECHNOLOGY — **MAY 2014 - AUG 2016**
PYTHON | DJANGO | | MYSQL | JAVASCRIPT | HTML5/C

- Gathered and refined specifications based on technical needs.
- Used languages such as HTML5, CSS, JavaScript, JQuery for fixing bugs and improvements of internal software used for employees.

PROJECTS

Airbnb House Rental Price Prediction (Python, NumPy, Scikit-learn): Used various machine learning algorithms such as Linear Regression, Polynomial Regression, Random Forest Regression, Artificial Neural Networks(ANN) and Logistic Regression and designed a model for predicting house rental prices of Airbnb with the lowest RMSE. Also provided an insight into the data by visualizing the data using Heatmap and Scatter plot.

House Sales Prediction (Python, Pandas, NumPy, Scikit-learn): Used various machine learning algorithms such as Linear Regression, Random Forest and Polynomial Regression and techniques such as PCA, Data normalization, Data Scaling and designed a prediction model to predict the sale price of a house in king county based on various features.

Mars Rover Simulation (NodeJS, Express JS, JSON, REST API, J2EE): J2EE-based project simulating Mars rovers on a planet surface, runs on a server built with Node and Express. Collaborated with three different teams to share coordinates of each rover via REST services. Uses live communication server to ensure accurate pathfinding. Built an AI for ROVER movement and science harnessing based on coordinates and data received from the REST server.

Twitter Gender Classification with Multinomial Naïve Bayes(Python, Pandas, NumPy, Scikit-learn): Developed a Categorical Machine Learning predictor to predict the gender of Twitter users based on their Twitter account information. Managed to achieve overall 73% accuracy with Multinomial Naïve Bayes which is 5% more than Gaussian NB, Random Forest Classifier, Voting Classifier, and Ada Boost. Used ROC curve to get a refined predictor.

EXTRA- CURRICULARS

- Selected to provide mentorship to students in rural India.
- Head of IAP at Youth Connect.
- Elected as a CESA (Computer Engineering Students Association) coordinator.
- Conducted a successful coding challenge between 8 teams, worked with organizers, talked with engineers/developers at Cal State LA.