

Meet Pragnesh Shah

connect.meetshah@gmail.com | <https://www.linkedin.com/in/meet-shah-ms/> | <https://github.com/makshah/> | 619-919-6152

Education

San Diego State University,

08/2019 – 05/2021

Master's degree: Computer Science.

Relevant courses: Advanced Object-Oriented Design Programming, Scientific Database Techniques, Machine Learning, Applied Computer Vision, Combinatorial Algorithms, Computer Security, Modern Web Development Frameworks

University of Mumbai

08/2015 – 05/2019

Bachelor of Engineering: Computer Engineering

Relevant courses: Database Management systems, Data Warehouse and Mining, Distributed Databases

Skills

Programming Languages: VB.NET, C#, Python, Java, C++ (Basic), JavaScript (Basic), HTML, CSS

Databases: MySQL, Oracle SQL, MongoDB, Firebase, PostgreSQL

Tools: Jupyter Notebook, AWS, PowerBI, Android Studio, Git, Flutter, Xamarin Forms, Visual Basic, Microsoft Office

Experience

Software Developer, ChemGenes Corporation, Burlington, MA, USA

12/2021 – Current

- Responsible for the ERP and full software development lifecycle including project management, documentation, code release, backups, bug testing, troubleshooting user issues, etc.
- Created and maintaining a Xamarin Forms REST API software on an Android barcode reader to escalate inventory operations
- Designing and improving database architecture and ensure performance across all ERP modules
- Lead ERP module performance tuning, Change Control communication to user, QA and testing, support and user training
- Collaborate with various departments to brainstorm and establish new software for improving and automating manual routines
- Implement new features to existing ERP software using VB.NET and C#
- Manage JIRA to enable Project Management Life Cycle management and documentation

Technologies: VB.NET, C#, Python, Xamarin Forms, Visual Basic, MySQL, REST API server

Medical Equipment Technician I, Agiliti Health, Andover, MA, USA

09/2021 – 11/2021

- Analyse the Tickets raised on a daily basis and generate C-Charts using Minitab for the Customer
- Classify the ticket for relevant corrective action and generate visuals to relate current trend to historical data
- Generate metrics for defects and fault tolerance
- Created a Python script that automates the generation of C-Charts and saves 80% of time required in closing one ticket
- Creating reports by gathering data from different systems that do not directly communicate with each other

Technologies: Oracle SQL, Software as a Service, MS Excel, Minitab, Data visualization, Python

Software Development Engineer, Brown University, Providence, RI, USA

05/2020 – 08/2020

- Spearheaded a web-based Mahjong game platform for Brown University Mahjong Club
- Created Node.js back-end server with Socket.io to implement multiple game rooms
- Implemented advanced object-oriented programming knowledge to establish the game logic and score calculation
- Established real-time data CRUD in MongoDB Atlas to store the user and tournament game statistical information
- Collaborated with front-end team to create an interactive UI React and Express for the website and the virtual game board

Technologies: Node.js, React.js, Socket.io, Express.js, MongoDB, Agile methodology, Git, Slack, Docker

Software Developer Intern, Suven Consultants Pvt. Ltd., Mumbai, India

09/2018 – 10/2018

- Created a Django REST framework local (XAMPP) server-based Customer Management System for a local client
- Generated relational models for storing the Databases of the clients, staff, services, and bill generation
- Created an interactive User Interface keeping the “convenience of use” in mind for a non-technical client

Technologies: Python, ML, Django Framework, MySQL, HTML5, CSS, JavaScript, jQuery, Git, Bootstrap.

Big Data Analyst Intern, Robokart, Mumbai, India

12/2017 – 01/2018

- Learned to clean, model and pre-process the data for conducting query analysis and statistics on Robokart's unstructured dataset stored in Hive.
- Assisted in setting up Hadoop Distributed file system on local computers (master-slave nodes).
- Learned and implemented to use AWS EC2 to setup cloud and data retrieval.
- Learned and implemented to use Data Warehousing using Hive and data reduction using MapReduce
- **Technologies**: Apache Hadoop, Apache Hive, Hadoop MapReduce, Amazon Web Service EC2, Linux bash scripting.

Projects

- Human Pose detection using Google MediaPipe for detecting students' pose in a live lecture on Zoom (detect confusion)

Courses/ Certifications

- ORACLE Certified Professional JAVA SE6 Programmer, Number: 25760102OCPJSE6P

01/2018