

# Jaysheel Shah

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## EDUCATION

### Master of Science in Computer Engineering

Expected May 2021

Syracuse University, New York

Core Subjects: Advanced Data Structures and Algorithms, Advanced Computer Architecture, Object Oriented Design, Android Programming, Artificial Intelligence, Database Management Systems

### Bachelor of Technology in Computer Science

Apr 2019

Narsee Monjee Institute of Management Studies, India

Core Subjects: Data Structures, Digital Logic Design, Operating System, Computer Organization and Architecture, Design and Analysis of Algorithms, Artificial Intelligence, Data Warehousing and Mining, Software Engineering

## PROFESSIONAL EXPERIENCE

### SQL Developer, Helpsy Health, Sunnyvale, CA

Jan 2021 – Present

- Preprocess and validate the data by executing SQL scripts on daily basis to create cross-functional reports among 5 major teams. Handling the database and transforming data required for integration of the backend with the user interface. Migrated data from sources (EHR, UNUM) to transform and store in the firm's data warehouse. Working with the development team to get queries from the end users and test and solve JIRA tickets.

### Software Engineer, Juice Adventures, Mumbai, India

Dec 2017 – Apr 2018

- Integral part of the coding, data and requirement gathering phases of internal operations software. Collaborated with technical team members to integrate back-end and front-end elements. Worked on Java crud operations and JSP to create and modify modules of the software. Fixing bugs reported by the employees and made enhancements as suggested by the users.

## CERTIFICATIONS

- Oracle Certified Professional, Java SE 8 Programmer II

Aug 2017

## TECHNICAL SKILLS

- Programming:** C, C++, Java, Kotlin, JavaScript, SQL, JSP, Python, AJAX, PHP, jQuery, HTML5, CSS
- Frameworks:** Spring, Hibernate
- Cloud Platform:** Amazon Web Services (AWS)
- Databases:** MySQL, Oracle, SQL Server, MongoDB, SQLite, MariaDB
- Tools:** MS Excel, Tableau
- Operating Systems:** MS Windows, Android, Linux
- Core Competencies:** Quick Learner, Management and Organizational Abilities, Critical Thinking, Detail Oriented, Time Management, Written and Verbal communication skills.

## ACADEMIC PROJECTS

### Employee Management System | Java | MySQL | Android Studio

- Developed an android application for employees to keep track of their personal and departmental records with built in access limitations for each employee based on their hierarchical designation in the company.
- The application was developed using Android Studio for the UI along with Java for backend programming and using MySQL for database management and I/O operations.

### Online Exam Portal | JavaScript | jQuery | PHP | CSS

- Developed a universal exam portal that can be used for any university based on their requirements.
- The portal incorporated all exam related notes in text and video format along with multiple sample tests.
- This was developed using HTML, CSS for the frontend and JavaScript, jQuery for the backend implementation along with PHP for form validation.

### Amazon Skillset | NodeJS | Python

- Developed a skillset for Alexa using NodeJS and Python during the Amazon Alexathon (2018) in India
- The skill called "Food Forecast" uses your current location and provides you with suggestions about food you can have for any weather along with restaurant recommendations in your proximity.

### One Stop Fitness | Kotlin | SQL | Android Studio

- Developed an android application which would provide users with the facility to customize and understand the effects of each exercise on individual muscles and keep track of their daily progress.
- The application also enables first time users to choose from a set of pre-designed workouts based on their goals and the kind of facilities available to them.