

# SHARDUL DAVE

+1 (626)-202-6066  
sharduldave1@gmail.com  
[www.linkedin.com/in/shardul-dave/](http://www.linkedin.com/in/shardul-dave/)  
[github.com/ShardulDave](https://github.com/ShardulDave)

## EDUCATION

California State University, Los Angeles

August 2017-May 2019

Master of Science, Computer Science

GCET, Gujarat Technological University, Ahmedabad, India

June 2013-June 2017

Bachelor of Engineering, Computer Engineering

## TECHNICAL SKILLS

**Core Concepts:** Strong understanding of OOP, Data Structures and Algorithms.

**Programming languages:** JAVA, Python, C, C++.

**Web Development Skills:** HTML5, CSS3, JavaScript, PHP, J2EE, MySQL, MongoDB, Express.js, Angular.js, Node.js, React JS, MS SQL.

**Platforms & Tools:** Linux, Git, Amazon Web Services (AWS), Apache Kafka, Android Studio, Apache Hadoop, Visual Studio Code.

## TECHNICAL EXPERIENCE

Exxat, La Crescenta, CA, United States

May 2018-August 2018

Intern

- Wrote SQL scripts to migrate data from the Microsoft Excel sheets to the Microsoft SQL server database.
- Designed test cases to validate metadata and functional data according to their mappings as described by the team to automate the process which increased the team's productivity by 30%.
- Documented the overall process of Data migration.

Accusol Technologies Pvt. Ltd., Gujarat, India

May 2016-April 2017

Junior Software Engineer

- Worked with the development team on the EduERP product of the company.
- EduERP provides one-point access to manage wide range of activities related to schools and colleges.
- EduERP is a web-based solution built using HTML, CSS, JavaScript, AngularJS, JSON, REST APIs and MySQL.

## PROJECTS

Movie Ticketing Portal

January 2019-April 2019

React JS | Node JS | Express | MongoDB | MySQL | Apache Kafka | Redis

- Designed a distributed web application which provides functionalities and features of Fandango using MERN stack.
- Improved the website response time by 75.5% using Redis with Kafka connection pooling.
- Developed an administrator dashboard with web analytics that tracks and displays data based on web traffic.

House Prices Prediction through Advanced Regression

September 2018-December 2018

Python | Pandas | scikit-learn | NumPy

- Predicted house prices depending on 81 different features using Logistic Regression and Random Forest Regression techniques.
- Achieved an accuracy of 0.6047 using Logistic Regression technique.
- Achieved an accuracy of 0.839 using Random Forest Regression technique.

Emergency Finder

September 2018-December 2018

JAVA | Android Studio | MySQL | XML

- Developed an android application that helps locate nearby police stations, hospitals and fire stations.
- Fetches the user's current location and nearby police stations, hospitals, fire stations through Google Map APIs.
- Application can navigate the user through nearby emergency services.

Online FIR Management System

June 2016-August 2016

HTML | CSS | JavaScript | PHP | MySQL

- Developed a web application which helps to report complain by the complaint.
- Features includes a systematic process to report a complain and generate a proper report.
- Police officers can view the report, ask for further queries and can forward it to the investigation officer.

Walk-through Face Recognizer

May 2014-March 2016

Python | JAVA | Hadoop | Sqoop | MySQL | OpenCV

- Automated the attendance mapping system with 60% accuracy in mapping attendance using PCA based face recognition backed with MySQL DB.
- Designed a MapReduce facility in JAVA, with nodes operating over large datasets, and Sqoop for transferring data between database & Hadoop.

## VOLUNTEERING EXPERIENCE

IEEE GCET Student Branch, Gujarat, India

June 2015-April 2016

Web Developer

- Successfully updated the front-end user interface of college website to make the website visually appealing and enhanced usability.
- Tasks involved publishing content, maintaining continuity of themes, design layout of the college website.
- Developed web portals for national level technological events such as STAC and IMAZE.