SHARDUL DAVE

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EDUCATION

California State University, Los Angeles   **August 2017 - May 2019**
Master of Science in Computer Science

GCET, Gujarat Technological University, Ahmedabad, India   **June 2013 - June 2017**
Bachelor of Engineering in Computer Engineering

TECHNICAL SKILLS

Programming languages: Java, Python, C, C++, JavaScript.
Web Development Skills: HTML5, CSS3, PHP, J2EE, Express, Angular, Node.js, React JS, Flask, AJAX, Bootstrap, jQuery, WSGI, Mocha.
Platforms & Tools: Linux, Git, AWS, Apache Kafka, Android SDK, Hadoop, Visual Studio Code, IntelliJ, Eclipse, Unix shell, Vagrant, Junit, JMeter
Databases: MySQL, MS SQL, PostgreSQL, SQLite, MongoDB, Redis.
Machine Learning Skills: Panda, NumPy, scikit-learn, TensorFlow, Keras.

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

Catalog Application   **January 2019 - April 2019**
Python | Flask | PostgreSQL | SQLAlchemy | Amazon EC2 Instance | WSGI | OAuth 2.0
- A web application that provides a list of items within a variety of categories with CRUD operability.
- It integrates Google OAuth for registration and login.
- It implements JSON API endpoints to serve the data of category list and the item list.
- Hosted on EC2 instance of AWS with database server as PostgreSQL and web server as Apache HTTP Server.

Movie Ticketing Portal   **January 2019 - April 2019**
React JS | Node JS | Express | MongoDB | MySQL | Apache Kafka | Redis | JMeter |Mocha
- 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.

Emergency Finder   **September 2018 - December 2018**
JAVA | Android SDK
- 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 | JQuery | Bootstrap
- 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.

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.

CERTIFICATIONS

Udacity   **January 2019 - April 2019**
Full Stack Web Developer Nanodegree