

# Darshit Shah

20448 Osage Avenue, Torrance, CA 90503

Portfolio

dshah12@csudh.edu

Github

LinkedIn

424-337-9016

## EDUCATION

### Master of Science (M.S.), Computer Science

GPA: 4.0/4.0

California State University - Dominguez Hills (CSUDH); Carson, CA

May 2019

### Bachelor of Engineering (B.E.), Electronics & Communication

GPA: 8.99/10.0

Gujarat Technological University; Gandhinagar, India

June 2013

## SKILLS

**Languages & Databases:** Java, Python, Javascript, SQL, Node.js, MySQL, PostgreSQL

**Frameworks:** Bootstrap, Spring MVC, TensorFlow, Keras, Chainer, ZK

**Technologies:** AWS, Google Cloud, Azure, Git, SVN

## INDUSTRY EXPERIENCE

### Software Development Engineer, Tata Consultancy Services (TCS)

March 2014 - August 2017

- Designed, built, and delivered 3 complex modules of huge application using Agile methodology (Scrum) and involved in whole Software Development Life Cycle (SDLC) process
- Led the team of 4 employees and boosted the revenue of client by 11% per month. Saved 18% cost of 15 different projects by developing in-house bug-tracker tool (approximately \$20,000 till date)

### Quality Assurance - Intern, Matrix Comsec

December 2009 - June 2010

- Tested & Validated public branch exchange (PBX), VoIP, IP-PBX, GSM Gateway manufacturing products

## ACADEMIC EXPERIENCE

### Web Designer, CSUDH

February 2019 - Present

- Developing computer science department website using Bootstrap framework and MySQL database

### STEM Tutor, CSUDH

January 2017 - Present

- Teaching Java, Data Structures, Analysis of Algorithms, Computer Organization, and Advance Software Engineering courses offered at CSUDH. Providing tutoring service each week for 13 hours approximately to 20 students

## PROJECTS

### Analysis of Deep Learning Frameworks

Fall 2018

- Implemented Artificial Neural Networks, and CNN using different deep learning frameworks
- Frameworks: TensorFlow, Keras, Chainer; Analysis Criteria: Accuracy, Loss, Epochs, Execution time
- Libraries: Cupy, Numpy, Scikit-Learn, and Matplotlib; Language: Python

### Emergency Blood Required App

Fall 2017

- Developed android application to send notification in one trigger to compatible blood type donor list
- Tasks include: writing of the SRS-to-delivery of the application using Agile Methodology. 2 week sprints deliveries
- Android studios for development of UI and Back-end, Firebase - Database, Node.js - Server, and Github - Code Repository; Trello - Project Management

### Android Apps: Stopwatch Timer App, and Brain Trainer App

Fall 2017

- Developed timer app that can be used as stop watch; Brain trainer can be used to test addition capability in 30 seconds

### TN-REGINET (<https://tnreginet.gov.in/portal/>)

March 2014 - August 2017

- Led and Developed 3 modules for the registration application with front-end, back-end technologies and ZK framework
- Implemented Agile methodology (Scrum) in the project and delivered the functionalities in 2 week sprints
- Invoked REST API to transfer content from registration department to revenue department using JSON format
- Reduced the time of fetching records approximately 100 times using materialized view and indexing on tables
- Front-end was developed with JSP, HTML, CSS, JavaScript, jQuery, Spring MVC, Hibernate and Back-end with Java, Spring, PostgreSQL; SVN was used as code repository

## AWARDS AND ACHIEVEMENTS

- HENAAC Conference – Google Technical Challenge Winner (1st place out of 1,000 people)
- Python for Everybody - Specialization (Coursera)
- Top Ranker Certificate – Gujarat Technological University (1st place out of 10,000 people)

Fall 2018

Summer 2018

January 2014