Darshit Shah

🌐 Portfolio ✉ darshitshah1992@gmail.com Github in LinkedIn 📱 424-337-9016

EXPERIENCE

Software Engineer, COFEBE Inc.   **September 2019 - Present**
- Developed and maintained Loan Mortgage web application written on .NET framework using C#, Angular 1.5, TypeScript, Microsoft SQL
- Implemented ETL process to migrate on-premise data to Snowflake cloud using Python, dig-dag, SSMS, TFS, Microsoft SQL for one of the mortgage service providers

Software Engineer - Intern, COFEBE Inc.   **May 2019 - August 2019**
- Implemented ETL process for historical data transformation using Python, AWS Glue, Airflow, and Amazon Redshift
- Used pair programming agile methodology, and peer code review on github
- Implemented linting (coding standard) functionality for Python on CircleCi CI/CD platform

Software Development Engineer, Tata Consultancy Services (TCS)   **March 2014 - August 2017**
- Designed, built, and delivered 3 complex modules of a huge Land Registration web application using Agile methodology (Scrum) and involved in whole Software Development Life Cycle (SDLC) process
- 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; Used SVN as code repository (https://tnreginet.gov.in/portal/)
- 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)

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 using agile methodology to send notification in one trigger to compatible blood type donor list
- 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

EDUCATION

Master of Science (M.S.), Computer Science   **GPA: 4.0/4.0**
California State University - Dominguez Hills (CSUDH); Carson, CA   August 2017 - August 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, C, JavaScript, SQL, Node.js, PostgreSQL, Microsoft SQL

Frameworks: .NET, Bootstrap, Spring MVC, TensorFlow, Keras, Chainer, ZK

Technologies: AWS, Github, SVN, TFS

AWARDS AND ACHIEVEMENTS

- Certificate of Leadership – Codepath Tech Fellow Society   **Spring 2019**
- HENAAC Conference – Google Technical Challenge Winner (1st place out of 250 people)   **Fall 2018**
- Top Ranker Certificate – Gujarat Technological University (1st place out of 10,000 people) **January 2014**