Dharmit Viradia

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Education

Stevens Institute of Technology *Hoboken, NJ*
Master of Science in Computer Science (GPA: 3.55/4.0) *Aug. 2019 - May 2021*

University of Mumbai *Mumbai, India*
Bachelor of Engineering in Computer Engineering (GPA: 7.01/10.0) *Aug. 2014 - May 2018*

Experience

Fidelity Investments *Jersey City, NJ*
Associate Software Engineer *Aug. 2021 - Present*
- Contributed to feature development of the front-end web application using TypeScript, Ember.js, CSS, HTML, and Browser Developer Tools in a fast-paced Scrum environment
- Utilized and configured Jenkins to provide a continuous integration service to automate the entire process of loading the latest build code and test files, running the tests, and validating features in a test environment
- Ensured code reviews, unit testing, and integration testing are completed efficiently and effectively to maintain velocity and deliver quality each sprint
- Coordinated with multiple teams in debugging system incidents and production bug fixes

Gold Coast Broadband *Jersey City, NJ*
Software Engineer Intern *Jun. 2020 - Dec. 2020*
- Automated the management of network configuration using Mikrotik REST API to reduce time spent on repetitive yet necessary tasks, coordinated changes throughout the network to ensure peak performance
- Implemented processes for automation of system maintenance and related operations through scripting using shell programming in the Linux environment and Python programming in the windows environment
- Created tickets to troubleshoot technical and operational issues and provide maintenance and support services while maintaining customer satisfaction at the highest level

Projects

NJ MVC Appointment Slack Bot | *Python, Slack API, Azure* *Oct. 2021 - Present*
- Developed a python application that notify for any newly available appointment on NJ MVC website
- Deployed on Azure Cloud using Ubuntu as Virtual Machine and sends notifications using Slack API and automated task using CronJob
- Helped benefit more than 200 people to get appointment quickly and easily

Stock Market Application | *React, Firebase, MongoDB Atlas, Redis, Heroku* *Sep. 2020 - Dec. 2020*
- Developed a full-stack web application for a user to buy and sell stocks, build stocks wish list, view investment portfolio, view graphical and statistical data
- Incorporated Firebase for secure login and sign up and used Finnhub.io REST API to fetch stock prices and news
- Optimized application for production and hosted on Heroku platform

Event Registration Application on AWS | *Elastic Beanstalk, SNS, S3 Bucket* *Mar. 2020 - May 2020*
- Created a web application using Node.js, Amazon DynamoDB and deployed using AWS Elastic Beanstalk
- Designed a single interactive web page with a web form and configured Node.js environment
- Incorporated Amazon SNS to notify by email and SMS for each new user sign up on web page

Expense Tracking Website | *Node.js, MongoDB, Express.js, Handlebars* *Oct. 2019 - Dec. 2019*
- Developed a full-stack web application using Node.js serving a MongoDB and Handlebars to render front end
- Constructed secured login method by encrypting user information using bcrypt
- Designed dashboard exhibiting graph of user expenses and allowing CRUD operations

GEDCOM Parser | *Python, Jupyter Notebook, GitHub, TravisCI* *Sep. 2019 - Dec. 2019*
- Developed a GEDCOM file parser in Agile Team to remove abnormality in a family tree in the form of user stories
- Implemented continuous delivery using TravisCI to build plugin upon new a release
- Performed Unit Testing for each User Story to validate module requirements

Technical Skills

Languages: Python, SQL(PostgreSQL, MySQL), JavaScript
Frameworks: NodeJS, ReactJS, EmberJS, Typescript, Gulp, HTML, CSS, Redis, Bootstrap, Firebase
Developer Tools: Git, Bitbucket, Docker, AWS, Azure, MongoDB, Postman, Jenkins