Dharmit Viradia

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Education

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

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

Technical Skills

Languages: Python, Java, SQL(PostgreSQL, MySQL), JavaScript
Frameworks: NodeJS, ReactJS, Typescript, Gulp, HTML, CSS, Redis, Bootstrap, Firebase
Developer Tools: Git, GitHub, Docker, Kubernetes, AWS, MongoDB, Postman, Jupyter Notebook

Experience

Gold Coast Broadband   *Jersey City, NJ*
Software Engineer Intern - Network   *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 JavaScript and Python programming in Windows environment
- Created tickets to troubleshoot technical and operational issues and provided maintenance and support services while maintaining customer satisfaction at the highest level
- Performed routine analysis and testing of services and created reports using Word and Excel and presented the results and project report to the project manager every week

Projects

Portfolio Website | *Ruby on Rails, Gulp, SASS, Jekyll, YAML, GitHub Pages*   *May. 2020 - Present*

- Created Portfolio Website using the domain from namecheap.com and hosted on GitHub pages
- Added Schedule Dark Mode that activates automatically based on the time

Stock Market Application | *React, Firebase, MongoDB Atlas, Redis, Heroku*   *Sep. 2020 - Dec. 2020*

- Developed a 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 App 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

Achievements

- Completed Certification in Introduction to Programming Using Python, Indian Institute of Technology, Bombay
- Published and Presented a Technical Paper as the First Author at ICIATE-2018
- Lead and Managed the Technical Committee at College Festival, Rhythm 2016