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

Experience

Gold Coast Broadband   *Jersey City, NJ*
Network Engineer Intern   *June 2020 - Dec. 2020*
- Worked on creating and testing Bash or Python script to roll out changes, like operating system upgrades, software updates, security and configuration changes, firewall changes
- Created Tickets to troubleshoot Technical and Operational issues and provide maintenance and support services, maintaining Customer Satisfaction at the Highest level
- Performed routine analysis and testing of software, equipment and create a report using Microsoft Word and Excel and prepare network diagrams and keep them updated using Microsoft Visio
- Presented documentation for procedures and processes for identified threats and vulnerabilities and conducted research to find out strategies to respond to real-time operational needs

Projects

Portfolio Website | *Ruby, 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 based on system time and manual switch

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
- Deployed and optimized application for hosting on Heroku platform

Event Registration Application on AWS | *Elastic Beanstalk, SNS, S3 Bucket*   *Mar. 2020 - May 2020*
- Created a web form using Node.js and environment utilizing AWS Elastic Beanstalk and Amazon DynamoDB
- Designed a single interactive webpage with a signup form and configured procfile and 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 with Handlebars as a front end
- Constructed secured login security using bcrypt to encrypt user password and store in MongoDB
- Designed dashboard exhibiting graph of user expenses and allowing CRUD operations

Publications

IOSR Journal of Engineering (IOSRJEN)

Automatic Visualization of Descriptive Text   *March 2018*
Published and Presented a Project Research Paper as the First Author at ICIATE-2018

Technical Skills

Languages: Python, Java, SQL(PostgreSQL, MySql), JavaScript
Frameworks: ReactJS, NodeJS, PHP, Gulp, HTML5, CSS3, Redis, Bootstrap, Firebase
Developer Tools: Git, Docker, Kubernetes, EKS, Amazon Web Service(AWS), MongoDB