DHRUMIL SHAH

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TECHNICAL SKILLS

- **Programming Languages:** Java, Python, JavaScript, C++
- **Database Systems:** MySQL, MongoDB
- **Web Technologies:** HTML5, CSS, ReactJS, Node.js, JSON
- **Frameworks/Libraries:** ExpressJS, Mongoose, Redux, Bootstrap4, Matplotlib, Tensorflow, Scikit-Learn
- **Project Management:** Agile, Scrum, Waterfall, JIRA
- **Cloud Environments:** Amazon Web Services, Google Cloud
- **Tools:** Eclipse, Spyder, Visual Studio Code, Anaconda, Jupyter Notebook, Postman, Git, Github, Docker, Google Colab, StarUML, Tableau, Nginx
- **MS Office:** Word, Excel, Powerpoint, Outlook
- **Operating System:** Windows, Linux

EDUCATION

Master of Applied Computing Jan 2020 – Present
University of Windsor, Windsor, ON

Bachelor of Engineering in Computer Engineering July 2015 – May 2019
Gujarat Technological University, Gujarat, India (CGPA – 8.45/10)

PROFESSIONAL EXPERIENCE

Associate Software Developer (Thoughtmate Systems, Ahmedabad, India) Jan 2019 – Dec 2019
Technologies Used: HTML, CSS, JavaScript, React, Node.js (Express.js), MongoDB, Docker, Git, Postman

- Contributed to the team projects by developing Progressive Web Application and deploying on cloud for live build with appropriate server setup
- Performed bug tracking, reviewing code and delivering code using agile methodologies as a team captain
- Developed Front-End and Back-End architecture in React and Node.js respectively along with RESTful APIs

Java Application Developer – Intern (C-Edge Technologies Ltd, Surat, India) May 2018 – June 2018
Technologies Used: J2EE, MySQL

- Collaborated with other interns for designing, developing, testing, and implementing web application using J2EE technology
- Acquired knowledge of various J2EE concepts and all aspects of the Software Development Life Cycle (SDLC)

PROJECTS

Restaurant Management System (University of Windsor) May 2020 – Present
Technologies used: ReactJS, Redux, Bootstrap4, NodeJS, ExpressJS, MongoDB, Mongoose, Docker, AWS
Demo: http://ec2-3-129-19-79.us-east-2.compute.amazonaws.com
Project Link: https://github.com/DhrumilShah26/Restaurant-Management-Web-App

- Developed a restaurant management system from which the user can log in and can order various cuisines
- Implemented user authentication and verification using passport.js and Jason Web Token (JWT)
- Database is stored in MongoDB Atlas cluster using different database schemas
- Developed various RESTful API endpoints using ExpressJS router
- Successfully deployed on AWS EC2 instance

Face-Mask-Detection (Personal Project) July 2020 – August 2020
Technologies used: Python, Tensorflow, OpenCV, Scikit-Learn, Matplotlib
Project Link: https://github.com/DhrumilShah26/Face-Mask-Detection

- Converted all the images into grayscale images using OpenCV and gave it to CNN as an input for training
- Implemented CNN model using Keras and Tensorflow libraries with 97% accuracy
- Live face detecting using OpenCV will give prediction whether a face is covered with a mask or not

Weather Finder (Personal Project) Jun 2020
Technologies used: ReactJS, Bootstrap4
Demo: https://weather-finder-webapp.netlify.app/
Project Link: https://github.com/DhrumilShah26/Weather-API

- Fetches the weather information through an API call of openweathermap.org
- Successfully render the information into React component

Web Search Engine (University of Windsor) Jan 2020 – April 2020
Technologies used: Java, Python
Project Link: https://github.com/DhrumilShah26/Web-Search-Engine

- Developed a Web Search Engine in Java that shows the appropriate web pages related to user's search query
- Implemented features such as Web Crawler, Pattern Matching, Html To Text, Inverted Index, and Page Ranking
- Concepts used - Depth First Search (DFS), Regular Expression, Jsoup Library, HashMap, Sorting

Twitter Sentiment Analysis (Gujarat Technological University) Jan 2019 – April 2019
Technologies used: Python, Matplotlib
Project Link: https://github.com/DhrumilShah26/Twitter-sentiment-analysis

- Extracted live Twitter textual data to understand the real sentiment of those tweets using tweepy library
- Classified tweets into three categories Positive, Negative and Neutral using textblob library
- Visualized all the results combined in different charts using matplotlib library

ADDITIONAL EXPERIENCE

Security Guard (Part-Time) Mar 2020 – Present
Securitas Canada

- Secures premises and personnel by patrolling property; monitoring surveillance equipment; inspecting buildings, equipment, and access points; permitting entry
- Drafting daily reports and reporting every incident occurred

ADDITIONAL TRAINING AND CERTIFICATES

- Server-side Development with NodeJS, Express and MongoDB (Coursera) Jun 2020
- Front-End Web Development with React (Coursera) Jun 2020
- Front-End Web UI Frameworks and Tools: Bootstrap 4 (Coursera) May 2020
- AWS Fundamentals (Coursera) Mar 2020
- Machine Learning (Coursera) Feb 2020
- Machine Learning A-Z™: Hands-On Python In Data Science (Udemy) Jan 2020

References Available Upon Request