SHRAYESH SHRIRANG KANADE

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EDUCATION

Master of Engineering Science - Data Science   August 2021 - June 2023
University at Buffalo, The State University of New York   3.83/4.00
Relevant Coursework: Statistical Data Mining, Numerical Math for Computing and Data Science, Introduction to Probability Theory for Data Science, Programming Database Fundamentals, Introduction to Machine Learning, Data Model Query Language, Computer Vision and Image Processing

Bachelors in Engineering (Information Technology)   August 2015 - May 2019
Pillai College of Engineering, New Panvel, India   8.45/10.00
Relevant Coursework: Operating Systems, Cloud Computing, Database Management Systems, Data Mining and Business Intelligence, Big Data Analytics and Web Programming

SKILLS

Technical Languages :	Python, Java8, C++, R, MATLAB
Web Technologies :	HTML5, CSS3, JSON, REST APIs
Database Technologies :	MySQL, Oracle, PostgreSQL
Technologies :	Tableau
Tools :	Visual Studio, JIRA, ICD/ICM toolkit developed by Majesco, Eclipse
Certifications :	Applied Data Science with Python from Coursera
Domain Knowledge:	Software Engineering, Machine Learning, Computer Vision, Image Processing, Databases, Insurance

EXPERIENCE

Software Engineer, Majesco   July 2019 – June 2021
- Resolved defects by collaborating with different teams in a fast paced environment and helped in keeping the open defects count to single digit for consecutive 3 months.
- Trained two new team members to ensure seamless workflow during the project.
- Developed Billing Product features such as Moratorium bulk release of policies, Discount Endorsement, Reconciliation of Reports in Java and ICD-ICM toolkit developed by Majesco.
- Presented Billing Product features to stakeholders during quarterly meetings.
- Awarded Stellar Award for developing and delivering high priority features to the clients in the given time-frame.
- Collaborated with a 3-member team and developed an automation system in Java as part of Majesco-Billing Hackathon to generate Main-Controller files utilized by testers to automate test-cases to minimize human errors and manual data entry.

PROJECTS

Women Safety Device using IoT (IoT, Web Development):
- Developed a prototype device which direct alerts to emergency contact via SMS when user pushes a button.The alert includes location of user by which tracking and immediate help is possible. The web page facilitates live tracking as well as backtracking. Different sensors such as camera and heartbeat sensor is used to provide more data of user's situation to the emergency contact. **Tech**: PHP, Python, MySQL, HTML/CSS.

Disease Prediction using R (Statistical Learning, Machine Learning):
- Developed a classification model using Boosting that would predict the disease a patient would have based on the symptoms. The accuracy of the model for test data came about 94 % **Tech**: R programming.

Data Visualisation of Streaming Platforms (Exploratory Data Analysis, Data Visualisation):
- Analysed data from various streaming platforms such as Disney+, Hulu, Prime Video, Netflix to find out trends in data across the platforms. The analysis put a light on questions as country-wise which platform is widely used, the availability of movies based on languages on each platform and age-group content available on streaming platforms. **Tech**: Python.

Amazon Echo using Voice Recognition application (IoT, Database Technology):
- Designed an IoT device that responds to questions asked through a mobile device.The user with help of voice recognition app connected via bluetooth to Arduino asks questions; the answer is then displayed on screen. The device had an accuracy of 84.56 % of correctly recognising the questions. **Tech**: C++, SQL, AMR Voice Android App.

Event Management System (Web Development, Data Management):
- Proposed Event Management system project in Smart-India Hackathon 2019 competition. Created a web page allowing different users (Department Heads of an Institute) to book auditoriums, event halls based on availability. The system would allow users to send email and SMS with event details to participants. On completion of event, system would automatically send participation certificate to attendees. **Tech**: PHP, Python, HTML, CSS, Bootstrap.

CO-CURRICULUM

Public Relations Officer, CSI-PCE' Council   September 2018 – March 2019
- Organized technical events and seminars on Python, Latex, Graphic Designing and Web Development.
- Managed Annual Magazine launch by marketing and securing sponsors for event.
- Supervised an industrial trip to CDAC-Pune with over 150 students.
- Succeeded in establishing a friendly yet professional bond between administration and student.