GANESH KUDTARKAR

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EDUCATION

Vivekanand Education Society's Institute of Technology, Mumbai, India **October 2020**
Secured a Bachelor of Engineering in Electronics and Telecommunication with *Distinction.* **(CGPA 8.32/10)**
Relevant Courses: Structured Programming Approach, Object Oriented Programming Using Java, Image Processing and Computer Vision, Management Information Systems.

PROFESSIONAL EXPERIENCE

Software Engineer, JForce Solutions, Mumbai, India **October 2021 - Present**

- Developed scalable web applications using Java and Spring Boot and integrated REST APIs serving 300,000+ customers.
- Built a real-time web chat application using React and integrated third-party REST APIs for backend functionality, facilitating communication among 5000+ users.
- Incorporated a multithreading feature using Executor Service into a program in Java to optimize the performance of the backend systems, resulting in a 70% reduction in processing time.
- Produced test cases using JUnit to verify the functionality of the application, achieving 90% code coverage.

Associate Software Engineer, Accenture Solutions Private Limited, Mumbai, India **January 2021 - June 2021**

- Generated SQL queries using SAP HANA Studio to handle data transformation tasks while loading data into the SAP HANA database.
- Optimized SQL stored procedures in SAP HANA for enhanced data retrieval performance and responsiveness.
- Resolved data inconsistencies and ETL (Extract, Transform, Load) issues and analyzed the root cause to provide sustainable solutions.

PROJECTS

Query Classifier

- Set up a query classification project using Random Forest Classifier, classifying queries into "Technical" or "Non-Technical" groups.
- Employed custom-trained Word2Vec model to transform textual data into vectors and implemented Random Forest ML model on the vectorized data, achieving a 92% accuracy rate.
- Technologies used: Python, Scikit-Learn, Gensim, NLTK, Random Forest Classifier Model.

Loan Repayment Predictor

- Created a loan repayment predictor using Logistic Regression Model, evaluating a user's ability to repay a loan using historical data.
- Conducted comprehensive data cleansing, preprocessing, and visualization on the dataset; implemented logistic regression on the preprocessed data, achieving a prediction accuracy of over 85%.
- Technologies used: Python, Scikit-Learn, Matplotlib, Seaborn, Logistic Regression Model.

E-commerce Website

- Programmed a feature-rich E-commerce website using React, offering a wide range of products, and designed a highly responsive User Interface. Implemented RESTful APIs using NodeJS to facilitate seamless interactions.
- Leveraged MongoDB for efficient and secure database storage, contributing to an enhanced user experience on the platform.
- Technologies used: React, NodeJS, MongoDB, JavaScript.

TECHNICAL SKILLS

- Programming/Web Technologies: Java/J2EE, Python, JavaScript, NodeJS, HTML, CSS
- Frameworks: Spring MVC, Spring Boot, React, JUnit, ExpressJs, Flask
- Databases: Relational (MySQL), Non-Relational (MongoDB)
- Tools/Platforms: Git, Docker, Maven, AWS, Eclipse, Jupyter

EXTRACURRICULAR ACTIVITIES

- Completed a Machine Learning Specialization on Coursera offered by DeepLearning.AI and Stanford Online; consisted of three courses, covering Supervised, Unsupervised Machine Learning, and Advanced Learning Algorithms.
- Served as a member of the Placement Committee at Vivekanand Education Society's Institute of Technology from March 2019 to March 2020, responsible for scheduling and planning recruitment activities.
- Led the Electronics and Telecommunication Department Soccer Team in 2018 and 2019, securing the runner-up position in the intra-college football tournament.