Dipesh Parwani

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WORK EXPERIENCE

Software Engineer: Siemens Technology & Services, Bangalore, KA   Mar 2022 - July 2023
- Designed and implemented a critical module for the Asset Management Suite web application, utilizing Java & Spring to create a scalable solution resulting in 30% improvement in user experience and satisfaction.
- Constructed Neo4j queries to perform data retrieval, transformation and filtering to process streams of raw data in order to generate nodes and associations in Neo4j reducing the time required by 60%.
- Significantly improved application availability and scalability by designing and implementing custom Docker containers, orchestrated through Kubernetes, leading to enhanced system reliability.
- Implemented Contract Testing to get around the limitations of Schema Testing, resulting in reduced bugs and increased coherence between the backend and frontend framework.

Software Engineer: Wipro Ltd., Bangalore, KA   Nov. 2019 - Mar. 2022
- Enhanced system architecture performance by 10% via implementing object-oriented design and robust test patterns for a quoting tool of HPE's products and services.
- Swiftly mitigated the Log4J vulnerability by identifying and removing JndiLookup class instances, bolstering the application's security and thwarting potential malicious attacks.
- Integrated ELK stack and FluentD, centralizing logs and enabling real-time monitoring resulting in enhanced troubleshooting, performance analysis, and application reliability.

Project Intern: Wipro Ltd., Bangalore, KA   Jan. 2019 - Apr. 2019
- Crafted a web application for efficient management of book metadata sourced from E-Library, optimizing for rapid retrieval by integrating Cassandra as the database solution, thereby enhancing the user search experience.
- Implemented interactive SVG data visualizations with D3.js and deployed it to AWS, utilizing AutoScaling, ELB, and CloudFront, resulting in a 30% improvement in load times.

Machine Learning Intern : Appin Technologies, Bhopal, MP   Oct. 2018 - Nov. 2018
- Implemented sentimental analysis on audiences' reviews using Naïve Bayes classifier by processing Kaggle's Rotten Tomatoes dataset using Python, Hadoop and Pig.

EDUCATION

New York University   Brooklyn, NY
Masters in Computer Science   May 2025
Lakshmi Narain College of Technology   Bhopal, MP
Bachelors in Computer Science & Engineering   May 2019

SKILLS & INTERESTS

- **Technical Skills -**
  Coding Languages: Java, JavaScript, SQL, CQL
  Other Tools/Frameworks: Spring Framework, AWS, Hibernate, Neo4j, Docker, TDD, Git, RESTful Web Service, Linux, Microservices
- **Interests -** Lifting, Reading.

HONORS/ACTIVITIES

- Data Science for Engineers Certificate– NPTEL
- TrailBlazers Award – Wipro Ltd.
- Education Representative for Entrepreneurship-Cell – LNCT Group of Colleges