Geet Pithadia

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Experience

SAP, Vancouver   *September 2019 - Present*
Junior Software Developer Intern
- Designed the modular architecture of the RESTful APIs leveraging **UML diagrams**
- Implemented the RESTful APIs adapting the **Object-Oriented Approach** to efficiently train and serve multiple ML models using **Python Flask**
- Fully automated the process of creating and utilizing resources on cloud using **Python**
- Implemented **multiprocessing** to train the machine learning models in parallel resulting in considerable reduction of training time
- Collaborated with the team members for resolution of the technical problems and their solutions

Medium   *March 2020 – Present*
Contributing Writer
- Published a range of articles spanning over the varied topics of Artificial Intelligence

Infosys, Bengaluru, India   *June 2017 – June 2019*
Systems Engineer (Research & Development)
- Worked in an Agile environment designing and developing the application
- Engineered the API structure using Design Patterns on **Spring Boot** resulting in performance improvement of key endpoint services
- Calibrated masking algorithms to improve performance along with being backward compatible
- Collaborated across teams to implement the file systems adapter for batched data fetching and processing in **Java**
- Tracked and managed the issues of the application using **JIRA** and **Git**

Technical Skills

Programming:	Java, J2EE, Python, JSON, XML	**Tools**:	Maven, Gradle, Git, JIRA, Eclipse, IntelliJ, Visual Studio Code
Frameworks:	Spring Boot, Flask	**Operating System**:	Windows, Linux
Cloud:	AWS, Google Cloud Platform	**Database**:	MySQL, SQL Server, MongoDB
Web:	Angular, React (Novice), HTML, CSS	**Concepts**:	Object Oriented Design, Design Patterns

Education

Master of Applied Computing   *GPA – 91.44/100*   *Sept 2019 – April 2021*
University of Windsor, Windsor, ON

Bachelor of Engineering, Information Technology   *GPA – 8.45/10*   *July 2013 – May 2017*
Gujarat Technological University, Ahmedabad, India

Projects

Web Search Engine   *November 2019 – December 2019*
JAVA, SPRINGBOOT, ANGULAR 6, TRIE, DOCKER, KUBERENETES
- Designed and developed efficient RESTful services using **Spring Boot** framework
- Built an inverted index to store word – document relationship and **TFIDF** as page ranking mechanism
- Containerized the application using **Docker** and managed container orchestration using **Kubernetes**

Dynamic Masking   *July 2020 – August 2020*
PYTHON, REACT, FLASK, MONGODB
- Provided the functionality to mask the structured data through a single API
- Built an architecture for REST services to support the dynamic masking of the structured data
- Leveraged the flexibility of **NoSQL** database of **MongoDB** for storage

Internship Progress Tracker   *September 2019 – December 2019*
PYTHON, REACT, FLASK, MONGODB, GIT
- Built a scrapper to collect data from job boards to analyze and develop a skills recommender system for aspired job position
- Designed an architecture for the **RESTful** services using **Python Flask**
- Built an interactive dashboard for users to gain insights from the data using **ReactJS**.

Activities and Achievements

- Honored with **INSTA AWARDS** for outstanding performance for the quarter, Infosys   *June 2018 – Sept 2018*
- Volunteered for the **ICPC** (International Collegiate Programming Contest) event   *November 2019*
- Participated in **WinHacks** (Hackathon), **HashCode** (By Google), and **Code2Win**