Karandeep Singh

Seattle, WA | **kdsinghgambhir@gmail.com** | **425-996-2148**
https://www.linkedin.com/in/**kdsinghgambhir**/ | https://github.com/**kdsinghgambhir** | https://kdsinghgambhir.github.io/KarandeepSingh/

SUMMARY – University of South Florida graduate with a Master of Science in Computer Science-Information Technology major. Extensive Problem Solving and critical thinking abilities with over 2 years of work experience as a Software Engineer.

SKILLS

Experience with **object-oriented design** and **coding**.

- Languages: Java, Spring, Hibernate, Spring-Boot, C#, Python and Go
- Web Development: HTML5, XML, ASP.net, JEE, CSS3, SWING, PHP, JavaScript
- Tools: Docker, Eclipse, NetBeans, MS Visual Studio, PyCharm and Git
- Database: MS SQL Server, MS Access, Oracle, SQL Developer and NoSQL
- Frameworks: MVC, MVVM

WORK EXPERIENCE

Software Development Engineer Intern   **May 18 – Aug 18**
Dgraph Labs   **San Francisco, California**

Dgraph is the "Spanner of Graph Databases." It is an open source, horizontally scalable and distributed graph database, providing ACID transactions, consistent replication, and linearizable reads. Supports GraphQL-like query syntax and responds in JSON and Protocol Buffers over GRPC and HTTP.

- Involved in the release of version (v1.0.6 – v1.0.7).
- Development, testing, research or writing tasks assigned.
- Work closely with the backend team to solve users' needs.
- Run Dgraph's public channels providing technical support as well as supporting the open source community.
- Provide input on the product roadmap.
- Interact directly with developers at events.
- Technology Used: Java, Python, Go.

Software Engineer   **July 16 – July 17**
KG Media Ventures Private Limited   **New Delhi, India**

- Identified, prioritized and documented technical and functional specifications for vehicle tracking application
- Implemented RESTful APIs to store and retrieve critical vehicle information
- Implemented standardized event logging within the application to trigger custom alerts about vehicle health
- Designed and implemented responsive user interface templates that were used across the company by all the employees.
- Technology Used: Java8, Spring, Hibernate, Spring-Boot.

Associate Software Engineer   **June 15 – June 16**
KG Media Ventures Private Limited   **Lucknow(remote), India**

- Implemented course page navigation for Spoken English Institute's website
- Postproduction application support through bug fixes and unit testing
- Documented feature usage/how to guide to help client better understand the website

ACADEMIC PROJECTS

Lending Library
- Developed a **Java** Based Desktop Application to Store Information of all the Books and Students who borrowed the books from the Library using **MySQL** database at the Backend.

Twitter Data Analysis
- Gathered Twitter Data of Users Using Twitter API and analyzed data to get the information regarding Users and Trending news.
- Tech Stack: **Python**

Train Amenities-On the Go (Senior year project): Pre-booking/requesting train service such as food, wheelchair and ambulance.
- Requirements, data gathering and analysis for the project along with designing and Implementing the requirements.
- Tech Stack: **ASP .NET**, Visual Studio.

Immovable Bricks (Junior year project): Application helps real estate consultants maintain listing pictures, documents and consultant profile.
- Requirement and data gathering, analysis and prototyping.
- Tech Stack: **PHP, MYSQL.**

File Compression & decompression using Core Java (TrainEdge certification):
- Requirements, data gathering and analysis along with designing, prototyping and implementing the application.
- Tech Stack: **Java**.

EDUCATION

- University of South Florida, Tampa, FL | **MS**, Information Technology (CS) | May 2019.
- Uttar Pradesh Technical University, Lucknow, India | **B.Eng.** in Information Technology (CS) | June 2016.

CERTIFICATIONS

- Sun/Oracle Certified Java Programmer 6.0: Oracle University/Sun Microsystems
- Divide and Conquer, Sorting and Searching, and Randomized Algorithms: Coursera (Stanford Online)
- Programming for Everybody (Getting Started with Python): Coursera (University of Michigan)
- Core Java programming using MYSQL: TrainEdge
- Web Development: Intershala