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Passionate Software Engineer with 2.8 years' experience along with expertise in back-end development, distributed systems, data analytics, business intelligence. Aiming to leverage my skills to problem-solve within an innovation driven organization.

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## EDUCATION:

**University of Maryland Baltimore County**

**August 2019 - May 2021**

Master of Science in Information Systems.

Cumulative GPA: 3.68.

Coursework: Advanced Database Project, Management Information Systems, Distributed Systems, Data Mining, Decision Making Support, Big Data Techniques and Fundamentals.

**KL University**

**June 2012 - May 2016**

Bachelor of Technology in Mechanical Engineering.

Cumulative GPA: 3.1

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## SKILLS AND STRENGTHS:

- Knowledge and hands-on experience in Java(3 yrs), Python(1 yr), HTML5(2 yrs), CSS3(2 yrs), JavaScript(2 yrs), SQL(2 yrs), PL/SQL(2yrs), Bootstrap(2 yrs), Restful API(2 yrs), Spring(2 yrs), Git hub.
  - Development Tools and Technology: Eclipse IDE, RSA, STS, Maven, Tableau, SoapUI.
  - Strong working Knowledge of the Software Development Life Cycle (SDLC) phase, Agile. Scrum methodology, DevOps, code standards and other quality procedures and guidelines.
  - Experience in Machine Learning algorithms, data processing, data visualization, reporting.
  - Major strength in planning, problem solving and organizing, Ability to work well in team environment and multitask.
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## Work History:

**Software Developer | Tata Consultancy Services LTD.**

**December 2016 – July 2019**

- Gathering new requirements, analyzing business feasibility, development and on-time delivery of the enhancements.
  - Developed Rest API using Spring and Java to compare the data between legacy and destination systems which helped in validating the data transfer.
  - Developed PL/SQL functions for managing the client database.
  - Refactored frontend and backend code for web-based software.
  - Developed new code (Java, Spring Framework, Nov 2018) which led to a 20 percent reduction in reported coding errors and reduced the run time of validating massive data transfer.
  - Worked on customer requirements to manage data and design user responsive web pages and managing the content by using SDL Tridion tool.
  - Refactored the developed code to reduce the run time of massive data which helped the testers to test the data faster.
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## Academic Projects:

**Course registration System.**

- Developed an advanced database project using SQL, PL/SQL and implemented 16 features for a complete university course registration system.

**YouTube Trending Video Analysis**

- Built a machine learning model to predicted likes and comments for a video, applied sentiment analysis (NLP) on the video title to find out what kind of titles can fetch a greater number of views based on polarity and subjectivity of the title.

**Streetlight outages will increase crimes (Hypothesis: If there is an outage then there is chance of crime).**

- Built machine learning model using crime dataset by combining them with streetlights data to prove our hypothesis and visualized the results using tableau.
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## Contributions and Honors/Awards:

- **Tutor and a Buddy, TCS, India:** Guided freshmen and interns as a tutor to make them understand the Java webservice based application by conducting code walk through and knowledge transfer sessions.
- Winner of the Quality champion award for designing, developing, testing and delivering the project with efficiency and reducing the failure rate up to 50%
- Worked as chief coordinator for the “RiO”(Rigour In Operations) event at Corporate level(Hyderabad Zone) for all the TATA campuses.