KARAN BHUVA

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EDUCATION

St Mary's School   2017 – March 2019
Higher Secondary School in Commerce

Charusat University   June 2019 - May 2022
Bachelors in Computer Applications (Major: Computer Applications)   *India* Coursework: Object-Oriented
Programming, Data Structures, Algorithms, Operating Systems, DBMS, Mathematics

TECHNICAL KNOWLEDGE

Languages / Frameworks: Python, Java, C++, JavaScript, XML, HTML, CSS, R,
Databases / Tools: MS SQL Server, PostgreSQL, NoSQL,
TOOLS / TABLEAU, GIT, AWS

EXPERIENCE

Software Developer   December 2022– April 2023
Anblicks   *India*
  - Developed a sentiment analysis system to understand hidden sentiments of customers in feedback/comments.
  - Participated in code reviews and gained feedback from senior engineers in writing custom, scalable code.
  - Tested and finetuned applications, reducing the instances of bugs by 9%.

Full Stack Php Developer   June 2022– November 2022
Kintu Designs   *India*
  - Work with development teams and product managers to identify software solutions.
  - Build the front-end applications through appealing visual design.
  - Test software to ensure responsiveness and efficiency.

ACADEMIC PROJECTS

Image Search Engine | *Python, AWS, NodeJS*
  - Programmed an image search engine using three techniques – metadata, example, and hybrid search.
  - Utilized AWS and EC2 instances to automatically scale-in and scale-out based on received requests.
  - Managed more than 1000 requests using SQS and improved the output by 1.5 times using custom-built load balancer.

Mock Persona for Message Optimization | *Python, R, AWS*
  - Created a mock persona to test arbitrary message input; built word cloud to highlight impactful words using NLP.
  - Tokenized and vectorized using Hashing Vectorizer and created message optimization pipeline to calculate lift scores of tokens with 70-80% accuracy.

ChatBot | *Python, Django, Bootstrap, Flask*
  - Built an interactive internal chatbot to answer queries related to course registration and eligibility.
  - Trained the bot with ListTrainer & continuously analyzed user input to improve performance; created webUI using Flask.
  - Added automated greeting, new announcements, course deadline and registration triggers.