



SHASHANK BYALLA

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I am motivated to leverage my skills to contribute to organizational success. I am eager to take on challenging roles.

Education

Vellore Institute of Technology Andhra Pradesh

12/21 - 07/25

B.Tech - 8.06

- Specialized in Computer Science and Engineering, with a focus on Artificial Intelligence and Machine Learning

Narayana Junior College Intermediate

08/19 - 04/21

Intermediate - 7.1

- Demonstrated expertise in Mathematics, Physics, and Chemistry

Kendriya Vidyalaya

03/09 - 04/19

High School - 8.3

- Demonstrated comprehensive knowledge and expertise in Mathematics, Science, Social Studies, English, Hindi, and Sanskrit, as well as Information Technology.

Key Skills

- ❖ Proficient in programming languages including C, C++, Java, Python, and Swift.
- ❖ Experienced in utilizing Python libraries such as NumPy, Pandas, Matplotlib, and Scikit-Learn for data analysis and machine learning.
- ❖ Skilled in Machine Learning techniques and algorithms.
- ❖ Proficient in Linux Administration, including user and mount points creation, server setup, and maintenance.
- ❖ Familiar with both relational (MySQL) and NoSQL databases.
- ❖ Strong grasp of Data Structures and Algorithms (DSA).
- ❖ Extensive knowledge of Big Data technologies, including Hadoop (HDFS, HIVE, MAP Reduce, Pig, HBase, Sqoop, Flume, Oozie, Scala, Spark, and Kafka).
- ❖ Experienced in DevOps tools and practices, such as GitHub, Jenkins, Chef, Ansible, Docker, Google Kubernetes Engine (GKE), and Grafana.
- ❖ Competent in web development technologies, including HTML, CSS, JavaScript, AJAX, JSON, and PHP.
- ❖ Proficient in cloud technologies, with expertise in Google Cloud Platform (GCP), AWS (EC2, IAM, S3, Snapshot, RDS, and Cloudwatch), and Microsoft Azure Administrator (AZ-104).
- ❖ Skilled in using office packages, including MS Office applications.

Projects

Artificial Intelligence

03/22 - 05/22

- Implemented the K-Nearest Neighbors (KNN) algorithm using Artificial Intelligence and Machine Learning techniques.
- Demonstrated the versatility of KNN for both classification and regression tasks.
- Utilized real-world datasets to showcase the practical applicability of the KNN algorithm.
- Achieved accurate predictions by leveraging the power of KNN on diverse datasets.

- Gained hands-on experience in data preprocessing, feature engineering, and model evaluation.
- Developed a deep understanding of the underlying principles of KNN, including distance metrics and hyperparameter tuning.
- Collaborated with a team to successfully complete the project, emphasizing teamwork and communication skills.
- Documented the project's methodology, results, and insights in a clear and organized manner.
- Showcased the project as a testament to problem-solving abilities and proficiency in AI and ML.

Machine Learning

08/22 - 01/23

- Developed a predictive model using machine learning algorithms to analyze the impact of alcohol-consumption on study performance .
- Conducted data analysis on a large dataset of students ' academic records and their self-reported alcohol consumption patterns .

ESG Virtual Experience

03/23 - 03/23

- Understanding and analysing client needs.
- Understand and analyse the client.
- Assess sustainability solutions through a comparative analysis Present a fitment matrix to the client.

Certification

Summer Internship on Artificial Intelligence

- Issuing Organization: Remark Skill Education
- Duration: 28 March 2022 to 8 May 2022
- Project: Implemented and applied the k-nearest neighbors algorithm as part of the Remark Skill Online Internship Program.

Remark Skill Live Online Summer Training & Internship Program on Artificial Intelligence**

- Issuing Organization: Remark Skill Education in Association with Elan & ηVision, IIT Hyderabad
- Duration: March to April 2022

ESG Virtual Experience Program

- Issued by: Forage and Tata Consultancy Services
- Date of Completion: April 3rd, 2023
- Duration: March 2023 to April 2023
- Completed practical tasks in:
 - Understanding and analyzing client needs
 - Assessing sustainability solutions through comparative analysis
 - Presenting a fitment matrix to the client
- Issued by Tom Brunskill, CEO and co-founder of Forage
- Enrolment Verification Code: x4DqvekD7H6rCGuvD
- User Verification Code: NDNcjJZXLAp7ZKzb4

Microsoft Technology Associate

- Certification Area: Introduction to Programming using Python
- Issued by: Microsoft
- Date of Achievement: June 18, 2022
- Verification Code: nxUB-uTYE
- Issued by: Satya Nadella, Chief Executive Officer, Microsoft

Python for Machine Learning

- Issuing Organization: Great Learning
- Date of Completion: April 2022
- Duration: March 2022 to April 2022

Java Certification - Casex E-Summit '2022

- Issuing Organization: Ecell IIT (BHU) Varanasi
- Date of Completion: May 2022
- Duration: April 2022 to May 2022

Google Cloud Associate Cloud Engineer

- Issuing Organization: Udemy
- Date of Completion: May 30, 2023

Languages

- English (Advanced)
- Hindi (Advanced)
- Telugu (Advanced)
- Kannada (Advanced)
- French (Intermediate)

Personal

- ❖ **Gender** : Male
- ❖ **Nationality** : Indian
- ❖ **Hobbies** : Reading Books, Playing Chess, Watching Horror Movies, and listening to Music.
- ❖ Strong problem-solving skills developed through chess playing.
- ❖ Avid reader with a passion for diverse literary genres.
- ❖ Interest in exploring the intersection of technology and entertainment through horror movies.
- ❖ Enthusiastic about music, fostering creativity and relaxation.

Deceleration

I, Shashank do hereby confirm that the information given above is true to the best of my knowledge and I bear the responsibilities for the correctness of the above-mentioned particulars.

B. SHASHANK