SHASHANK BYALLA

28-48 OLD TOWN SUBHASH ROAD ANANTAPUR

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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 andMachine Learning

**Narayana Junior College Intermediate**

**Intermediate - 7.15**

• Demonstrated expertise in Mathematics, Physics, and Chemistry

**Kendriya Vidyalaya**

**High School - 8.34**

**08/19 - 04/21**

**03/09 - 04/19**

• 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.

 Experience 

**V Open Source, CSI Chapter, VIT AP**

* **Linux Administration and Cloud Expertise:** Managed Linux system administration, optimized performance, and resolved issues. Utilized cloud services (AWS, Azure, Google Cloud) for cost-effective deployments.
* **DevOps Leadership:** Implemented DevOps tools for automated deployments, enhancing agility in development.
* **Team Leader and Problem Solver:** Led a team, set performance benchmarks, and provided quick solutions to maintain system availability.
* **Documentation and Innovation:** Maintained comprehensive system documentation and sought innovative solutions for enhanced system efficiency.

**Remark Skill Education**

* **Artificial Intelligence Intern:** Pioneered K-Nearest Neighbors (KNN) algorithm implementation, showcasing versatility for classification and regression tasks.
* **Real-World Impact:** Applied KNN to real-world datasets, achieving highly accurate predictions.
* **Hands-On AI Expertise:** Gained hands-on experience in data preprocessing, feature engineering, and model evaluation.
* **Deep AI Understanding:** Mastered the principles of KNN, including distance metrics and hyperparameter tuning.
* **Collaborative Achievements:** Collaborated effectively with the team, emphasizing teamwork and communication.
* **Methodical Documentation:** Painstakingly documented project methodology and results.
* **Excellence Showcase:** Highlighted the project as a testament to exceptional problem-solving abilities in AI and ML.

**Tata Consultancy Services (Forage)**

* **ESG Analyst:** Meticulously understood and analyzed client needs and presented innovative solutions. Evaluated sustainability solutions through comparative analysis.
* **Client-Centric Approach:** Ensured a personalized and tailored approach to problem-solving, fostering trust and collaboration.
* **Strategic Insights:** Contributed to sustainable and responsible business practices, strengthening ESG commitments.
* **Impact Documentation:** Carefully documented the impact of ESG initiatives, capturing transformative outcomes.
* **Problem-Solving Excellence:** Demonstrated proficiency in Environmental, Social, and Governance (ESG) practices.

 Projects 

**K-Nearest Neighbors Implementation 03/22 - 05/22**

* Developed and implemented the K-Nearest Neighbors (KNN) algorithm, showcasing its versatility in both classification and regression tasks.
* Utilized real-world datasets to demonstrate the practical applicability of KNN, resulting in accurate predictions across diverse datasets.
* Gained hands-on experience in data preprocessing, feature engineering, and model evaluation.
* Achieved a profound understanding of KNN's underlying principles, including distance metrics and hyperparameter tuning.
* Collaborated effectively with a team, emphasizing teamwork and communication skills.
* Methodically documented the project's methodology, results, and insights in a clear and organized manner.
* Highlighted the project as a testament to exceptional problem-solving abilities and proficiency in Artificial Intelligence and Machine Learning.

**Predicting Alcohol Consumption in Students 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 .

 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 .

1. SHASHANK