



SHREYANTH S
DATA ENGINEER

CONTACT INFO

- ✉ shreyanth0810@gmail.com
- 🌐 www.shreyanth07.info
- 🐙 www.github.com/Shreyanth07
- in www.linkedin.com/in/Shreyanth07

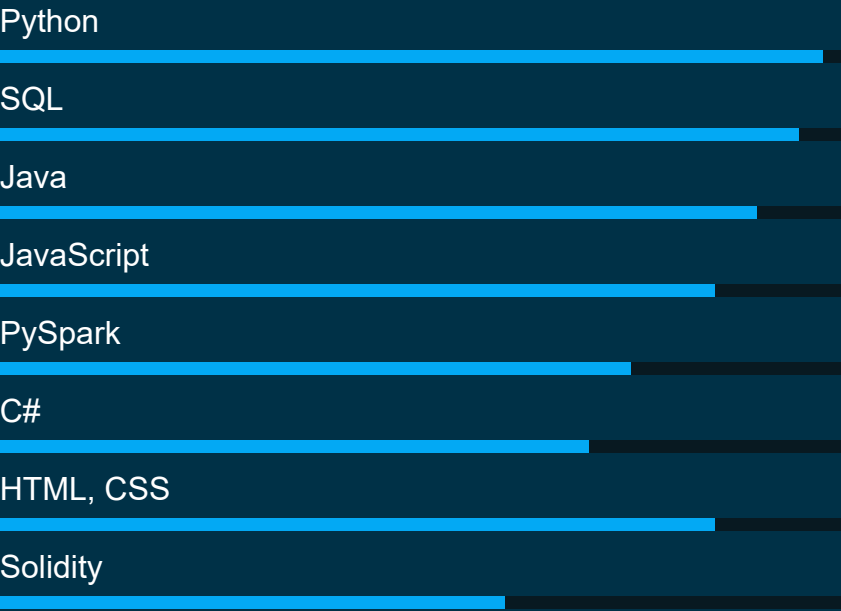
EDUCATION

- 2021 - 2023
MTech in Data Science & Engineering
BITS, Pilani
- 2020 - 2020
PGD in Full Stack Software Engineering
NIIT, Chennai
- 2015 - 2019
BE in Electronics & Communication Engineering
Anna University, Chennai

EXPERIENCES

- September 2020 - Present
Data Engineer
Indium Software India Pvt Ltd
- May 2019 - May 2020
Product Architect
Sciencotonic Edu India Pvt Ltd
- November 2018 - Present
Freelance Software Developer
Upwork Inc
- August 2017 - Present
Research Assistant
Zion Robotics and Advanced Engineering
- August 2015 - March 2019
Teaching Assistant
SMK Fomra Institute of Technology

PROGRAMMING SKILLS



LANGUAGES



VOLUNTEER EXPERIENCE

- 2018 - 2023
Leader and Volunteer
U&I Org
- 2020 - 2021
Volunteer and Group Leader
Robin Hood Army
- 2020 - Present
Volunteer and Member
Kana - Indium CSR Initiative

MEMBERSHIPS

- IEEE Student Member
- IFERP Premium Student Member
- IEEE Computer Society Member
- U&I Process Optimization Member
- U&I Fundraising Committee Member

PROFILE

I am a Data Engineer with 3+ years of expertise in ETL (Extract, Transform, Load), data warehousing, and developed several successful projects in data engineering. I have extensive experience in data architecture, modeling, and analysis and am passionate about building innovative solutions that help businesses leverage their data. I have experience developing and deploying data-driven solutions to manage and analyze data, as well as building data pipelines to access and transform data.

I have extensive experience in working with databases such as Oracle, Snowflake, SQL Server, and MongoDB and am proficient in programming languages such as Python, R, and Java. Additionally, I have hands-on experience in deploying analytics solutions using Spark, Hadoop, and AWS. I am passionate about solving complex data problems and leveraging analytics to create value for organizations.

INTERNSHIPS

- MAY 2022 - SEP 2022
INEURON.AI
ML & DATA SCIENCE INTERN
Visualizing or analysing data before feeding data into the model. Building Network Architecture, Training and Evaluating model. Deploy application into the cloud platform, using Docker and CI-CD pipeline. Analysed the patterns and trends in data, feature engineering and model building. Validating the data to ensure accuracy, completeness, and uniformity. Finding the actionable insights and developing a robust pipeline to automate reporting. Cloud deployment of Machine Learning solutions (Dockerize).
- JAN 2019 - APR 2019
IBM
SOFTWARE ENGINEERING INTERN
Design, develop, test and maintain the cloud storage platforms and products. Integrate end-to-end pipeline for dynamic return policy and working with IBM Sterling OMS. Developing APIs to transit order from created to shipped through integration servers. Framework for analysing Data Augmentation of Unstructured data and scalable code to process huge sets of data. Completed the IBM Remote Mentoring Project titled Customer Segmentation Routing Protocol.
- AUG 2018 - NOV 2018
CRAYON DATA
DATA SCIENTIST INTERN
Analyse data, produce statistical modelling and predictive analysis to produce solutions for better customer experience and advanced business decision. Use machine learning, python and R to develop customer centric approaches and business architecture mapping
- AUG 2017 - MAR 2019
ZRAE
ML & NLP INTERN
Applied grid search for finding the best choice in parameters and applied image enhancement operations as contrast, divide pixel ratio, sharpening and balancing the colours to draw a meaningful and descriptive data of the image. Implemented Normalization and standardization pre-processing techniques to the models like regression, KNN to reduce loss. Good amount of experience in working with machine learning algorithms like Classification, Regression and ensemble models.

PUBLICATIONS

- MULTI-SENSOR DATA FUSION-BASED PARALLEL MANIPULATOR WITH IOT MONITORING EMPLOYING MACHINE LEARNING**
Springer Nature Computer Science (SNCS) - Scopus Indexed
Accepted
- IMPLEMENTATION OF MACHINE LEARNING IN VLSI INTEGRATED CIRCUIT DESIGN**
Springer Nature Computer Science (SNCS) - Scopus Indexed
Published
https://link.springer.com/article/10.1007/s42979-022-01580-5
- MACHINE LEARNING ALGORITHMS IN BIG DATA ANALYTICS FOR SOCIAL MEDIA DATA BASED SENTIMENTAL ANALYSIS**
International Journal of Intelligent Systems and Applications in Engineering (IJISAE) - Scopus Indexed
Published
https://ijisae.org/index.php/IJISAE/article/view/2397
- BIG DATA PREDICTIVE ANALYSIS FOR TYPE-2 DIABETES BASED HEART DISEASE USING FEATURE EXTRACTION AND CLASSIFICATION BY MACHINE LEARNING ARCHITECTURES**
International Journal of Intelligent Systems and Applications in Engineering (IJISAE) - Scopus Indexed
Published
https://ijisae.org/index.php/IJISAE/article/view/2424
- DESIGN AND DEVELOPMENT OF SMART WEARABLE-TECHNOLOGY ENHANCED LEARNING FOR SPECIALLY ABLED STUDENTS**
2nd International Conference on Best Innovative Teaching Strategies (ICON-BITS 2023) - Scopus Indexed
Accepted - Proceedings to Springer
- QUADCOPTER BASED ROBOTIC INJECTION LUBRICATOR FOR HIGH ALTITUDE MECHANICAL STRUCTURES EMPLOYING IMAGE PROCESSING BASED ENSEMBLE MACHINE LEARNING**
International Research Journal of Engineering and Management Studies (IRJEMS) - Retired
Published
http://irjems.com/download/Quadcopter-based-Robotic-Injection-Lubricator-for-High-Altitude-Mechanical-Structures-employing-Image-Processing-based-Ensemble-Machine-Learning/?wpdmcl=1542&masterkey=4rm52cc2763bd
- PREVENTION OF CYBERATTACKS IN WSN AND PACKET DROP BY CI FRAMEWORK AND INFORMATION PROCESSING PROTOCOL USING AI AND BIG DATA**
nternational Journal of Computer Networks and Wireless Communications (IJCNWC) - Retired
Published
http://www.ijcnwc.org/vol8no4.htm

COPYRIGHTS

- MULTI-SENSOR DATA FUSION-BASED PARALLEL MANIPULATOR WITH IOT MONITORING EMPLOYING MACHINE LEARNING**
Government of India - Software Copyrights
Registered - SW-15536/2022
- ANOMALY DETECTION AND REPORT OF THE JOBS POSTED BY SCAMMERS USING MACHINE LEARNING AND NLP ALGORITHM**
Government of India - Software Copyrights
Under Final Scrutiny - 19104/2022-CO/SW
- ENHANCED TOOL FOR EFFICIENT VIDEO ORGANIZER AND SPLITTER WITH MULTITHREADING**
Government of India - Software Copyrights
Under Final Scrutiny - 21393/2022-CO/SW

CERTIFICATIONS

CS50X, CS50P, CS50AI Harvard University Distinction - 91%	Statistics, Algorithms, CS 101 Stanford University Distinction - 85%	ML, DBMS, Discrete Mathematics NPTEL - IIT Distinction - 80%
Applied Data Science I & II WorldQuant University Distinction - 95%	Advanced Algorithms & Big Data Coursera - UCSD Distinction - 100%	Python for Everybody Coursera - UMich Distinction - 98%
Computer Vision Basics Coursera - UB SUNY Distinction - 100%	Mathematics for ML Coursera - ICL Distinction - 100%	ML with Python FreeCodeCamp Distinction - 100%

AWARDS AND COMPETITIONS

- ★ Data Ninja Q1
- ★ Data Ninja H2
- 🎓 BE Scholarship
- 🎓 Best Student Appreciation - NIIT
- 📖 IEEE Member Appreciation
- 🏆 First place in NCRTECE'17
- 🏆 First place in Fomra Quest
- 🏆 Winner of Inter-college Hackathon
- 🌟 Innovator in AI Challenge
- 🌟 Fnalist in TechGig Code Gladiators