



SHREYANTH S  
DATA ENGINEER

CONTACT INFO

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

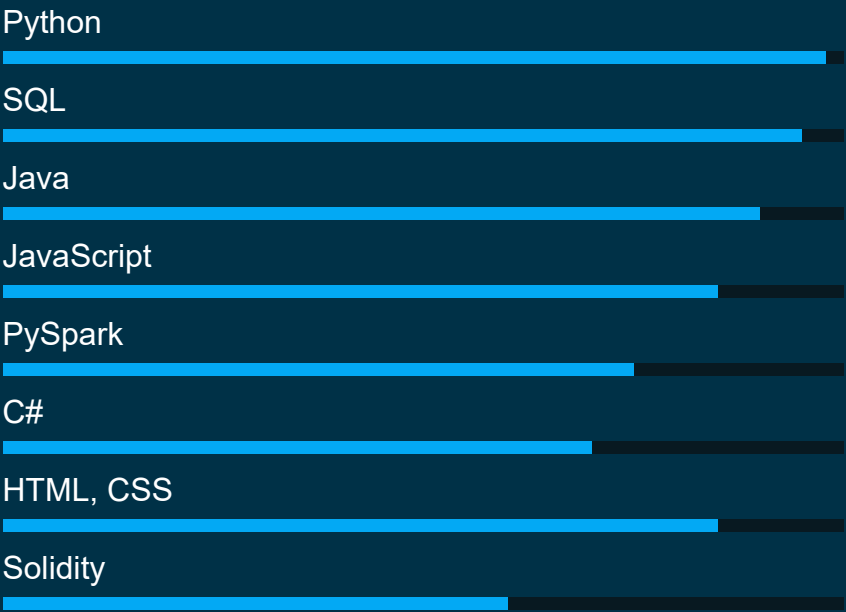
EDUCATION

- 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 - Scopus Indexed  
Accepted
- IMPLEMENTATION OF MACHINE LEARNING IN VLSI INTEGRATED CIRCUIT DESIGN  
Springer Nature Computer Science - Scopus Indexed  
Accepted
- 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
- PREDICTIVE ANALYTICS THROUGH A COMBINATION OF VARIOUS DATA MINING TECHNIQUES OVER BIG DATA  
International Journal of Intelligent Systems and Applications in Engineering (IJISAE) - Scopus Indexed  
Accepted
- 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  
hhttp://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 (IJCNCW) - Retired  
Published  
http://www.ijcncw.org/vol8no4.htm

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- MULTI-SENSOR DATA FUSION-BASED PARALLEL MANIPULATOR WITH IOT MONITORING EMPLOYING MACHINE LEARNING  
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Registered - SW-15536/2022
- ANOMALY DETECTION AND REPORT OF THE JOBS POSTED BY SCAMMERS USING MACHINE LEARNING AND NLP ALGORITHM  
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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