







SHREYANTH S

DATA ENGINEER

CONTACT INFO

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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

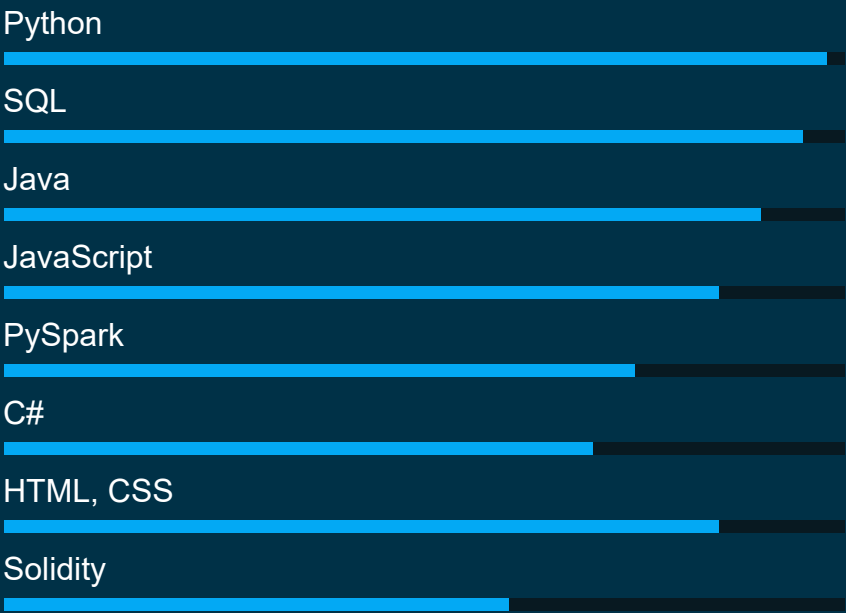
Research Assistant

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
- 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 (IJCNWC) - Retired

Published

http://www.ijcnwc.org/vol8no4.htm

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- 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