

VIGNESH ILLI

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Skills

- Python | Java ME | HTML | CSS | JavaScript | React.js | REST APIs | Django | Flask
- AWS | Google Firebase | Git
- English, Hindi, Telugu – All professional proficiency or above

Experience

Data Engineering Virtual Internship

AWS

Remote 09/2023 - 11/2023

- Implemented Big Data and Hadoop technologies through immersive hands-on projects and real-world case studies, leading to a 40% Increase in data processing efficiency and a 25% reduction in data storage costs.
- Developed automated data preparation pipelines in Excel (ODBC) and Data, streamlining data ingestion and cleaning tasks; achieved a 50% increase in accuracy.
- Engineered efficient data extraction , scrubbing and manipulation methods for Realtime and warehouse data using SQL , Java and Improved data accuracy by 25% and decreases processing time by 40%.
- Applied advanced statistical analysis to define key business challenges, As a team in designing and deploying targeted experiments resulting in a 30% boost in customer retention.

Cloud Virtual Internship

AWS

Remote 05/2023 - 07/2023

- Implemented enterprise applications using **Java, React**, AngularJS, AWS, and DynamoDB.
- Streamlined systems facilitating Users to perform various optimization experiments within Cloud Environment,achieved a 30% growth In performance
- Automated and optimized logic for the Cloud Infrastructure resulting 30% boost in performance.

AI-ML Virtual Internship

AWS

Remote 07/2022 - 09/2022

- Designed machine learning Systems and self running Artificial Intelligence (AI) Software to automate predictive Models , Applied AI and machine learning principles to software development Resulting 25% faster development

Cybersecurity Virtual Internship

PaloAlto

Remote 03/2022- 05/2022

- Continuously monitored emerging cyber threats and trends in order to update defense against potential attacks and performed risk analysis to identify appropriate counter measures . Ensuring 100% defense against attacks

Python Fullstack

BrainOvision

Remote 12/2023 – 04/2024

- Redeveloped and existing website using Python,Django and React , Resulting 25% increase in user growth.

Education

Bachelor of Technology

Rajeev Gandhi Memorial
College of Engg and Tech

Nandyal,India 12/2021- 05/2024

- Graduate in Computer Science and Engineering (CSE) with CGPA 7.9

Polytechnic

Gov't Polytechnic

Nellore,India 12/2017- 12/2020

- Diploma in Mechanical Engineering with GPA 65

10Th Class

ZPHS

Nellore,India 08/2016- 08/2017

- CGPA 9.5

Projects

- **Stock Price Prediction Using ML** : Machine Learning Based Stock Price Prediction website using python , django , rest , pandas and Multiple linear regression Algorithm
- **Ecommerce WebApp** : Developed an Ecommerce Platform using React.js and Django
- **Android Application For College Automation** : Introduced an android app for college that garnered 200+ users within a week