ARPIT MALLICK

200 West Big Springs Road, Riverside, CA
+1 (858) 305-8058 amall029@ucr.edu LinkedIn Github Portfolio

Education

University of California, Riverside **Sept. 2022 – May 2024**
Master of Science in Computer Engineering *Riverside, CA*
Relevant Coursework: Advanced Operating System, Big Data Management, Artificial Intelligence

Kalinga Institute of Industrial Technology **July 2017 - May 2021**
B.Tech in Computer Science and Engineering *Bhubaneswar, India*

Work Experience

Wipro Limited **June 2021 – June 2022**
Project Engineer *Chennai, India*
Managed four critical applications as a Project Engineer that are planned for migration from on premise data center to public and private cloud infrastructure. My roles and responsibilities includes:

- Understanding the design prepared for respective application and plan to work on pre-requisites, implementation along with senior build engineer.
- Also have taken part to work on service introduction activities to handover newly built infrastructure to BAU/Support team after migration.
- Have documented process followed for completing service introduction (SI) activities.
- Have raised change records to deploy the application to newly built infrastructure as well as for cutover event.
- Was responsible to co-ordinate with all stakeholders to understand and document sequence of execution (SoE) for cutover event.

Projects

Walmart Sales Prediction **Dec 2020 - Apr 2021**
- Analyzed sales across different departments by store type and created weekly report.
- Analyzed effect of various factors to determine significant effects in explaining sales in the stores by using Linear Regression.

Audio Event Detection **Dec 2019 - Apr 2020**
- Demonstrated the classification of environmental sounds, especially focusing on the identification of particular urban sounds by applying deep learning techniques.

Research Papers and Publications

Application of Machine Learning Algorithms for prediction of sinter machine productivity Mar 2021 - Sept 2021
- Worked with Dr. Sushant Rath, General Manager at Steel Authority of India Limited (SAIL). We have mainly used machine learning and data analytics approach to predict sinter machine productivity. Further, Artificial neural Network (ANN) model was used to correlate input parameters with sinter productivity.
- Presented this paper in the 15th INDIACom-2021, 8th international conference on 'Computing for Sustainable Global Development'(IEEE Conference ID: 51348)held at New Delhi, India from 17-19th March'2021.
- Published in proceedings of the 15th INDIACom-2021, 8th international conference on 'Computing for Sustainable Global Development' in IEEE Xploretitled "Application of Machine Learning Algorithms for Prediction of Sinter Machine Productivity"Arpit Mallick, S. Dhara and S. Rath, Page 137-143.
  IEEE link: https://ieeexplore.ieee.org/document/9441079
- Also published this paper in Elsevier's journal 'Machine Learning with Applications (MLWA)' titled"Application of Machine Learning Algorithms for Prediction of Sinter Machine Productivity"Arpit Mallick, S. Dhara and S. Rath, Vol.6 (2021) 100186.
  Elsevier link: Click here on this link

Technical Skills

Languages: Python, C++, HTML, CSS, JavaScript
Developer Tools: VS Code, Git, JIRA
Technologies/Frameworks: GitHub, .NET