Aditya Kumar Modi Machine Learning Enthusiast

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Well-qualified professional and bold analytical thinker with keen focus on Machine Learning models and data management on the Cloud. Proficient in leveraging Gen AI models for efficient time management in agile work environments.

# Accomplishments

* Self-Educated Machine Learning, deployed and compared various models on Kaggle datasets
* AWS Cloud Practitioner Certification.
* Achieved Star Award in the month of October, 2023 for delivering features on time with exceptional quality.

# Professional Experiences

**Netcracker Technology Solutions (India) Private Limited** – Software Engineer

July 2021 – Present

* Implemented multiple features as per design, ensuring successful feature delivery.
* Automated extensive class testing via CI/CD pipeline, significantly reducing manual testing hours.
* After dedicating 2 years to the project, I am currently also assisting new team members to understand the project.

# Analytics Initiatives

## Marketing Cost Optimization for Term Plan using Advance Analytics

* Created a binary classification system to target high-potential term plan clients, streamlining telemarketing efforts.
* Utilized data preprocessing and model selection, culminating an impressive 89% accuracy rate using the Random Forest Classifier.

# Skills

**Machine Learning and Statistics –** Data Wrangling, Handling Imbalanced data and applying various models like Linear Regression, Logistic Regression, SVM, Decision Tree and Random Forest

**Deep Learning And NLP –** Proficient in building basic Deep Learning and NLP models with a strong passion for further exploration and learning.

**Providing Prompts** – Proficient in leveraging LLM models to optimize prompt generation, expediting development and streamlining efficiency.

**AWS Cloud –** Proficiency in cloud computing fundamentals and foundational AWS services.

**Programming Languages –** Java, Python

### Database Management – SQL

**Data Visualization Tools –** Microsoft Excel, Tableau

**Others -** Team Management, Leadership, and Collaboration.

# Education

### B.TECH IN EIE AND M.TECH IN VLSI DESIGN AND EMBEDDED SYSTEMS

National Institute of Technology Rourkela at Rourkela | July 2016 – April 2021

# Certifications & Courses

* AWS Cloud Practitioner Certification.
* Completed Machine Learning Course by Learn Bay.
* Star Award for October, 2023.
* Qualified Gate 2020 with AIR 668.