

Aditya Kumar Modi

AI Augmented Data Scientist
modiadityarocks@gmail.com | 789.413.2904

EXPERIENCE

XORIENT SOLUTIONS PRIVATE LIMITED | DATA SCIENTIST

Dec 2024 - Present | Pune, Maharashtra

- Collaborating with a research-driven team to develop and deploy innovative technology solutions that can drive projects and investments from clients.
- Led the development and client presentation of multiple proof-of-concept (PoC) solutions, demonstrating business value to clients.
- Delivered binary classification and model-free reinforcement learning solutions tailored to client needs, enhancing operational efficiency and contributing to measurable business outcomes.

NETCRACKER TECHNOLOGY | SOFTWARE ENGINEER

July 2021 - Dec 2024 | Pune, Maharashtra

- Coordinated with multiple departments and implemented multiple features as per client requirements, ensuring successful feature delivery.
- Over 3.5 years in the project, mentored new team members to accelerate on-boarding and ensure seamless knowledge transfer, contributing to team productivity and consistent release delivery.

PROJECTS

MCP-DRIVEN TOOL INTEGRATION

Mar 2025 - Present | Xoriant, Pune

- Integrated multiple applications using Model Context Protocol (MCP) to enable secure, dynamic, and reusable interactions across systems.
- Developed an AI-driven Question-Answer application (Chatbot style) that leverages MCP for seamless, context-aware responses.

HAIR SALON NO-SHOW PROBABILITY PREDICTION

Jan 2025 - Feb 2025 | Xoriant, Pune

- Developed a binary classification model to predict customer no-shows, enabling proactive scheduling and resource optimization, thereby improving efficiency and revenue for the salon chain
- Applied model selection, achieving an accuracy of 75 % using XGBoost classifier after hyperparameter tuning and feature engineering.

MARKETING TERM PLAN COST OPTIMIZATION

Jan 2023 - Present

- Created a binary classification system to target high-potential term plan clients, streamlining telemarketing efforts, saving time and cost.
- Utilized Data pre-processing, feature engineering and model selection, culminating an impressive 89 % accuracy using Random Forest Classifier.

EDUCATION

NATIONAL INSTITUTE OF TECHNOLOGY, ROURKELA

DUAL DEGREE (B.TECH + M.TECH) IN
ELECTRONICS AND

INSTRUMENTATION ENGINEERING

June 2016 - June 2021 | Rourkela,
Odisha

CGPA: 7.42 / 10.0

SKILLS

PROGRAMMING LANGUAGES

Python, Java, HTML, CSS

MACHINE LEARNING, STATISTICS AND NLP

Data Wrangling, Handling Imbalanced
Data and building models

PROMPT ENGINEERING

Integration of LLMs to different tools via
Model Context Protocols(MCP) using
FastAPIs.

AWS CLOUD

Proficient in cloud computing
fundamentals and foundational AWS
services.

TOOLS

SQL, GIT, Excel, Tableau

OTHER SKILLS

Team Management, Leadership and
Collaboration.

RECOGNITION

CERTIFICATIONS

AWS Cloud Practitioner Certification
AWS AI Practitioner Certification
Machine Learning Course By LearnBay
Star Award For Exceptional Work in
Netracker in October 2023.

Qualified Gate 2020 with AIR 668 and
awarded a scholarship for higher
education.

SOCIETIES

Vice President Of Plugged In , Official
Electronics Club of NIT, Rourkela

LINKS

Github:// [aditya2296](#)

LinkedIn:// [aditya-kumar-modi](#)