MD ALTAMASH

Work permit: Indian | **Date of birth:** 20/12/1995 | **Place of birth:** Jamshedpur, India |

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WORK EXPERIENCE

01/08/2024 – CURRENT Aligarh, India
SOFTWARE DEVELOPER ATX LEARNING

- Designed and implemented a team management dashboard using Laravel, MySQL, Python, Flask, and JSON. enhancing productivity for 200+ employees by saving an hour daily.
- Developed Drone Management System using NextJs. Used Python to analyze the Inputs and predict Results based on the Ml Models. This Saves the manual work by 50%.
- Created an appointment management system featuring an AI chatbot and voice calling agent, streamlining scheduling processes nationwide. used Flask vapi and twilio, zapier

23/10/2023 – 10/05/2024 Jalandhar, India
ASSISTANT PROFESSOR (RESEARCH AND SOFTWARE DEVELOPMENT) LOVELY PROFESSIONAL UNIVERSITY

- Implemented Data Structures and algorithms to enhance learning.
- Designed and developed an Attendance Solution app using Java, Spring Boot, and JPA, benefiting 2000 teachers.
- Developed an Examination Seating Management system in Java, impacting 28000 students with randomized seating and unique student codes.

01/01/2023 – 20/10/2023 Remote, India
DATA ANALYST LIFE GEN BIO

- Managed and wrote queries, handling large datasets using SQL and MySQL, improving data retrieval efficiency.
- Developed dashboards in Tableau and automated analysis processes, increasing data visualization and decision-making speed.
- Collaborated with the team to implement actions based on analysis insights, improving team efficiency.
- Identified KPIs and managed critical points, leading to a focused approach and improved performance tracking.
- Using statistical tools to analyze data patterns and trends enhanced data-driven decision-making.
- Generated charts, graphs, and dashboards to visually present findings, aiding in clear communication of insights.
- Produced detailed reports and summaries for stakeholders, facilitating informed decision-making.
- Applied machine learning algorithms to predict future trends, enabling proactive decision-making the model saved 10% of the daily work.

11/10/2021 – 30/12/2022 Hyderabad, India
PROGRAMMER ANALYST COGNIZANT

- Implemented deep learning models with TensorFlow for NLP applications, enhancing text analysis accuracy by 15%.
- Executed end-to-end from n-gram generation to model deployment in UAT environment, streamlining the process by 20%.
- Developed backend for report generation using SQL Server(ssms). Used Python to change the confidence score based on ngrams.
- Developed Java Applications and worked on backend using JDBC.
- Implemented DryRuns of Systems and debugged the codes using java.
- Implemented Ui-path orchestrator to keep logs in check and communicate with business monthly report of the run.
- Implemented code fixes in case of any issue using Java.
- Developed auto Password reset Software using Ui path for the clients that saved more than 20 manual hours per month.

01/04/2021 – 01/05/2021 Remote, India
DATA ANALYST SPARKS FOUNDATION

- Implemented supervised machine learning algorithms in Python with Pandas, Keras, and Numpy to predict commodity prices, saving time and improving accuracy.
- Developed interactive charts in Tableau using SQL and raw database data, reducing manual data collection and chart creation time by over 4 hours daily.

10/06/2018 – 10/06/2019 Darbhanga, India
DATA ANALYST DPMI

- Created data adapters for different data sources to streamline data integration processes.
- Conducted exploratory and targeted data analyses, visualized data, and identified correlations to drive strategic decision making.
- Implemented and deployed data-driven models using Python, resulting in a 20% increase in prediction accuracy.
- Evaluated and reported on key metrics, contributing to a 25% increase in overall performance.
- Designed and implemented automated KPI dashboards, enhancing data visibility and providing actionable insights at scale.
- Championed continuous data quality improvement by identifying and resolving data discrepancies, resulting in a 30% reduction in data errors.
- Recommended and implemented enhancements to existing data-collection methodologies, improving data accuracy by 20%.

10/05/2017 – 10/06/2017 JAMSHEDPUR, India
SOFTWARE INTERN TATA TECHNOLOGIES

- Developed Order Management System using Java reducing order processing time by 20%.
- Streamlined order management processes at Tata Motors, resulting in a 20% reduction in order processing time.

EDUCATION AND TRAINING

16/07/2019 – 30/06/2021 Ranchi, India
MASTER OF TECHNOLOGY IN COMPUTER SCIENCE AND ENGINEERING Bit Mesra

Website https://www.bitmesra.ac.in/ | **Level in EQF** EQF level 7

LANGUAGE SKILLS

Mother tongue(s): **HINDI**

Other language(s):

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken production	Spoken interaction	
ENGLISH	C2	C2	C2	C2	C1

Levels: A1 and A2: Basic user - B1 and B2: Independent user - C1 and C2: Proficient user

DIGITAL SKILLS

Programming Languages

java | c++ | Sql | Python

Libraries and Frameworks

Flask | Pandas | Numpy | Spring Boot | TensorFlow

Tools

Sql Server | Tableau | Microsoft Office | Postman | Git Hub

ML, Ai and Automations

Make | Machine Learning | Artificial Intelligence | Data Analysis | Vapi

Other Skills

Agile Methodologies | Project Management | Quick Learner | Problem Solving | Software Development

● PROJECTS

16/01/2025 – CURRENT
Rahbar

- Developed the complete management system for an NGO to manage students and sponsors.
- Completely manage everything from marks to payment schedules and applications.
- This complete System would streamline the process followed by NGO's and will save them time.

Link https://github.com/ALTAMASH3322/rahbar