







## **Praktikumszeugnis**

Herr Morris Darren Babu, geboren am 16. Dezember 2000, absolvierte vom 14. Oktober 2024 bis 11. April 2025 ein Praktikum in unserem Unternehmen. Während des Praktikums war Herr Babu in unserer Fachabteilung Umformsimulations-, Engineeringmethoden der BMW AG am Standort München eingesetzt.

Folgende Aufgaben hat Herr Babu im Rahmen seines Praktikums übernommen:

- Analyse des vorhandenen Convolutional Recurrent Neural Network (CRNN)-Modells und relevanter Parameter zur Optimierung der KI-Modellimplementierung im Projekt 'KI-basierte Oberflächenanalyse'.
- Bereitstellung von Keyword-Such- und Klassifizierungsskripten zur Analyse von fertigungsrelevanten Daten.
- Vorbereitung eines Fragenkatalogs zum Testen einer Large Language Model (LLM)-Anwendung.
- Test einer LLM-Anwendung hinsichtlich der Antwortgenauigkeit und entsprechende Anpassung von Systemprompts.
- Aufsetzen einer Webapplikation zum Einlesen von geometrischen Netzen (STL-Daten).

Herr Babu arbeitete stets zuverlässig, selbstständig und gewissenhaft. Er identifizierte sich mit seinen Aufgaben und arbeitete mit sehr viel Engagement und Eigeninitiative. Die Arbeitsergebnisse waren auch bei wechselnden Anforderungen und in schwierigen Fällen stets von guter Qualität. Sein Arbeitstempo bei der Aufgabenbearbeitung lag stets über unseren Erwartungen.

Herr Babu verfügt über außerordentlich umfangreiche Fachkenntnisse und eine sehr hohe Fachkompetenz. Sein persönliches Verhalten war stets einwandfrei. Bei Vorgesetzten, Kollegen und Geschäftspartnern war er geschätzt. Herr Babu hat die ihm übertragenen Arbeiten stets zu unserer vollen Zufriedenheit erledigt.

Er verlässt uns nach Beendigung seines Praktikums. Wir bedauern dies sehr und danken ihm für die stets gute Mitarbeit in unserem Hause. Wir wünschen Herrn Babu auf seinem weiteren Berufs- und Lebensweg alles Gute und weiterhin viel Erfolg.

Bayerische Motoren Werke Aktiengesellschaft

i.V,

i. A.

Dr. Janne Strauß-Ehrl

Leiter

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Dr. Kerim Isik Spezialist

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Vorsitzender des Aufsichtsrots Norbert Reithofer

Vorstand Oliver Zipse (Vorsitzender) Jochen Goller Ilko Horstmeier Wolter Mertl Milan Nedeljković Joachim Post Frank Weber

Date:01-Sep-2022

## To Whom It May Concern,

This letter is to certify that Mr. Morris Darren Babu (Roll No: 211718104086), a student at Rajalakshmi Institute of Technology, successfully completed a 10-month work student online internship program at Crystal Consultancies Services Pvt Limited. His work student spanned from October 1, 2021, to September 1, 2022.

Throughout work student, Mr. Babu was assigned to the development team, where he actively and diligently participated in various projects and tasks. He consistently demonstrated maturity, sincerity, diligence, and focus, along with exceptional clarity about his career objectives, especially considering his young age.

As his internship supervisor, I received consistently positive feedback from the heads of all departments Mr. Babu interacted with. While still pursuing his studies, he showcased a remarkable understanding of Python programming, database structures, and machine learning. He also displayed an above-average grasp of various aspects of recommendation systems, OCR, pattern recognition, and customer sentiment analysis, exceeding typical expectations for high school students.

Mr. Babu established excellent rapport with all personnel he encountered, demonstrating strong communication skills and a dedicated work ethic. His commitment and the quality of his work consistently exceeded expectations. I strongly believe Mr. Babu possesses immense potential and encourage him to continue pursuing his career aspirations.

Based on his outstanding performance and commitment, I would readily offer him a full-time position at Crystal Consultancies Services Pvt Limited upon graduation, should he be interested. I wholeheartedly endorse his internship experience and his decision to pursue a career in Computer Science. Additionally, I recommend that he be granted the opportunity to assist your faculty members, as this would not only enhance his learning but also provide him with invaluable exposure to further realize his significant potential.

Sincerely,

For Crystal Consultancy Services Private Limited

Authorised Signatory



Altascio Technologies Inc. Lake Highlands Tower 9330 Lyndon B Johnson Freeway, Dallas, Texas 75243 United States of America

July 14th, 2021

## TO WHOM IT MAY CONCERN

This letter certifies that Mr. Morris Darren Babu has completed his work student online internship program of 6 Months with Altascio Technologies. His internship tenure was from 01 Feb 2021 to 01 July 2021. He worked with our development team and was actively & diligently involved in the projects and tasks assigned to him.

I found Morris Darren Babu to be a mature, sincere, diligent, and focused intern with exceptional clarity of career objectives – especially for someone as young as him. As his internship supervisor, I received excellent feedback from the heads of all departments he had worked with.

Though he is still a graduate student, he showed an excellent understanding of Python programming, database structures, and machine learning. I found his understanding of various aspects of recommendation systems, OCR, pattern recognition, and customer sentiment analysis above the average aptitude level expected of high school students.

Morris Darren Babu enjoyed a great rapport with all the personnel he interacted with. He has excellent communication skills, and a great work ethic, and his commitment and the quality of tasks allocated to his behavior were above board.

I see endless potential for Morris Darren Babu and hope he works towards realizing the same. I would not hesitate to recruit him as a full-time employee in our organization upon his graduation – should he be interested in joining us.

I fully endorse his internship and his work with us, and his decision to pursue a career in Computer Science. I would also like to recommend that he be accorded an opportunity to work as an assistant to your faculty members since this will not only enhance his learning curve but provide exposure critical to realizing his immense potential.

Sincerely,

Joe Austin Founder & CEO

Altascio Technologies Inc.





Ref: JMD/IL/2021-22/001

Date: December 31, 2021

## To whom it may concern

This is to certify that **Morris Darren** has successfully completed his internship program on Software Engineering (Python Developer) with JMAN Group from 1<sup>st</sup> **Jun'20** to 31<sup>st</sup> **Dec'20**.

During his tenure conduct was satisfactory.

We wish him success for his future endeavors.

For JMAN Digital Services Pvt. Ltd.,

**Gerald Joseph**Business Manager

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CIN: U74999TN2018PTC122951

