**BARIGELA SAI CHARN**  
PHONENO: 7093378337 | EMAIL: barigelasaicharan@gmail.com | LinkedIn: https://www.linkedin.com/in/barigela-sai-charan-a717a1329

**Career Objective**

Aspiring AIML engineer with strong skills in Python, TensorFlow, and machine learning algorithms. Seeking to leverage my expertise in data-driven problem-solving to contribute to innovative AI solutions in the industry.

**Educational Qualifications**

**BTech** – Malla Reddy University  
Year of Graduation: 2027  
CGPA: 8.88

**Intermediate** – Alphores Jr College  
Year of Completion: 2023  
Percentage: 97.8%

**10th Grade** – Greenwood High School  
Year of Completion: 2021  
Percentage: 70.5%

**Technical Skills**

* **Language Proficiency:** English (B2 Level)
* **Programming Languages:** Python, Java
* **Machine Learning & AI:** TensorFlow, Scikit-Learn, NLP, Computer Vision
* **Databases:** MySQL, MongoDB
* **Web Development:** HTML, CSS, JavaScript, React.js
* **Tools & Frameworks:** Git, Docker, AWS

**Academic Projects**

**Online Voting System**

* Developed a secure and efficient online voting system to facilitate transparent and tamper-proof elections.
* Technologies/Tools Used: React.js, Node.js, MongoDB, Blockchain, Firebase Authentication

**LingueConnect**

* Developed a language learning platform that connects users with native speakers for real-time conversations and practice.
* Technologies/Tools Used: React.js, Node.js, Firebase, WebRTC, Natural Language Processing (NLP)

**Internships/Work Experience**

**S & P Global** – **SDF**  
Sep 2024 – May 2025

* Assisted in data analysis and financial modeling tasks.
* Worked on automating data pipelines to improve efficiency.
* Collaborated with cross-functional teams to enhance data visualization reports.

**Certifications**

* B2 English Certifications – Online Learning – 2024

**Achievements/Extracurricular Activities**

* Hackathon Runner – 2024
* Published research paper on Lingueconnect

**Cover Letter**

**Sai Charan**  
barigelasaicharan@gmail.com  
7093378337  
February 3, 2025

**Jane Smith**

Mahindra Tech Solutions  
 Innovation Blvd.  
Tech City, TG 55001

Dear Ms. Smith,

I am excited to apply for the Software Developer position at Mahindra Tech Solutions, which I found on your company’s website. With a degree in Computer Science and hands-on experience in web development, I am eager to contribute to your team’s success.

I admire Mahindra Tech Solutions’ commitment to innovation and collaboration, particularly in your recent project on AI-driven applications. My experience in React, JavaScript, and my academic work in full-stack development make me confident in my ability to contribute effectively to your team.

I look forward to the possibility of discussing my qualifications in more detail. Thank you for your time and consideration.

Sincerely,  
Sai Charan

**Statement of Purpose**

**Statement of Purpose**

My name is Sai Charan, and I am a recent graduate with a Bachelor's degree in Computer Science, specializing in Artificial Intelligence and Machine Learning (AI&ML). Throughout my academic journey and professional experiences, I have developed a deep passion for AI&ML technologies and their potential to drive innovation across industries. It is with great enthusiasm that I apply to Mahindra tech solutions, a leader in the AI space, where I hope to contribute my skills while continuing to grow and learn from the best in the field.

**Academic and Professional Background**

I have always been fascinated by the intersection of technology and human interaction, which led me to pursue a degree in Computer Science. During my coursework, I focused on AI&ML, taking courses such as Machine Learning, Natural Language Processing, and Data Science, which solidified my interest in the field. One of the most impactful projects I undertook was building a sentiment analysis tool using machine learning algorithms to analyze social media posts. This project not only enhanced my understanding of natural language processing but also motivated me to explore further applications of AI in real-world scenarios.

In addition to my academic work, I completed an internship at Mahindra tech solutions, where I worked on developing AI models for predictive analytics in the healthcare industry. This experience gave me practical exposure to machine learning algorithms, data preprocessing, and model optimization. I also collaborated with cross-functional teams to implement AI solutions that improved patient care and operational efficiency. This hands-on experience strengthened my problem-solving skills and deepened my understanding of how AI can solve complex challenges.

**Why This Company?**

I have long admired Mahindra tech solutions for its groundbreaking work in AI and its commitment to pushing the boundaries of innovation. The company’s mission to transform industries through AI-driven solutions aligns perfectly with my own passion for leveraging technology to solve real-world problems. I am particularly excited about Mahindra tech solutions work on Project Indus, as it exemplifies the kind of impactful projects I aspire to be part of. The opportunity to work in a collaborative, forward-thinking environment at [Company Name] is incredibly appealing to me, as I believe it will allow me to grow both professionally and personally.

**Your Skills and Strengths**

I bring a strong set of technical and soft skills that I believe will make me a valuable addition to your team. Technically, I am proficient in programming languages such as Python, Java, and R, and have hands-on experience with machine learning frameworks like TensorFlow and Scikit-Learn. I also have a solid understanding of data analysis and visualization tools such as Pandas and Matplotlib. In addition to my technical skills, I am a strong communicator and a proactive team player. I have successfully collaborated with colleagues from diverse backgrounds and have contributed to projects through clear communication, problem-solving, and a focus on delivering results.

For instance, during my internship, I was responsible for optimizing a predictive model for hospital readmissions. Through collaboration and iteration, I was able to improve model accuracy by 20%, showcasing my ability to apply AI&ML concepts to real-world problems effectively.

**Long-term Goals**

In the long term, I aspire to become an expert in AI&ML and contribute to developing cutting-edge solutions that can impact industries such as healthcare, finance, and education. I am particularly interested in how AI can be used to improve decision-making processes and enhance user experiences. I believe that Mahindra tech solutions offers the ideal environment for me to develop my skills further and work on innovative projects that align with my career goals.

**Conclusion**

I am confident that my academic background, professional experience, and passion for AI&ML make me a strong candidate for the role at Mahindra tech solutions. I am eager to contribute to the company’s mission and work alongside a talented team to drive innovation in AI. I am excited about the possibility of joining Mahindra tech solutions and look forward to the opportunity to discuss my application further.