MADHURJYA BORA
FULL-STACK DEVELOPER & AI ENGINEER

CONTACT

📞 +91 8638629655

✉ mbora396@gmail.com

📍 Noonmati, Guwahati 781020

in https://shorturl.at/gFlmR

github.com/madhurjya9655

EDUCATION

2018 - 2022
JORHAT ENGINEERING COLLEGE

- Instrumentation Engineering
- CGPA: 7.2 / 10

SKILLS

- AI & Machine Learning: TensorFlow, PyTorch, GPT Models, OpenAI APIs,Rasa ,Dialogflow
- Web Development: Python (Django, Flask), React.js, Node.js
- Databases: MongoDB, MySQL, PostgreSQL
- DevOps: Docker, Kubernetes, AWS, CI/CD

LANGUAGES

- English (Fluent)
- Assamese(Fluent)
- Hindi (Basics)

PROFILE

Dynamic Full-Stack Developer and AI Engineer with over years of experience building scalable web applications, AI-driven automation solutions, and robust backend systems. Proficient in Python, AI, and DevOps, with a proven track record of reducing operational costs and optimizing performance. Passionate about aligning technology with business needs.

WORK EXPERIENCE

Evergrow Digital   2024- PRESENT
AI Engineer

- Built AI chatbots using flowise, reducing workflow automation by 30%.
- Integration with whatsapp using interakt and pabbly
- Optimized data pipelines, improving efficiency by 40%.
- Delivered tools boosting user retention by 35%.
- Developed generative AI models (VertexAI, OpenAI, GPT-4, etc.).
- Tuned ML models, cutting inference time significantly.
- Reduced model training time by 30% via pipeline optimization.
- Led and mentored junior engineers; conducted AI workshops.

Bitumix India LLP   2022 - 2024

Python Developer

- Built scalable backend architectures using Python and Node.js, reducing response times by 25%.
- Automated data workflows, reducing manual effort by 30%.
- Designed secure payment systems, boosting lead generation and customer engagement.

Freelancer   2021 - PRESENT

Full Stack dev and AI Engineer

- Developed and deployed an AI-powered chatbot to enhance customer interactions, increasing engagement and support efficiency by 25%.
- Designed and implemented a dynamic, responsive website using Python and modern web frameworks to promote brand presence and streamline user experience

INTERNSHIPS   Nov 2021 – Aug 2022

AI & Machine Learning Intern

- Developed and optimized chatbot solutions using NLP, improving response efficiency by 25%.
- Assisted in training deep learning models for text classification and sentiment analysis.
- Conducted data preprocessing and feature engineering for ML algorithms.

KEY PROJECTS

Twitter Bot for Personalized Tweet Generation

- Bot Development: Built a GPT-4-powered Twitter bot to analyze and replicate users' tweeting styles.
- Data Scraping: Conducted data scraping to gather relevant tweets and user interactions for analysis.
- Model Fine-Tuning: Fine-tuned GPT-4 to enhance real-time performance and improve the accuracy of tweet generation.
- Challenges Faced: Initially, the bot struggled to mimic users' styles accurately, leading to the need for further fine-tuning of the model.
- Refinement Process: Adjusted model parameters and training data to provide more precise and personalized tweet outputs.
- User Feedback Integration: Incorporated user feedback to continually refine the bot's ability to generate tweets that resonate with individual styles.

Meeting Booking Assistant

- AI-Based Scheduling Tool: Developed a meeting booking assistant using NLP to automate scheduling tasks.
- Efficiency Gains: Automated 90% of manual scheduling tasks, improving productivity and reducing errors.
- Challenges Faced:Initial Issue: The AI struggled with accurately interpreting user preferences and handling complex scheduling conflicts.
- Solution: Enhanced the model by fine-tuning it with more diverse and accurate training data, improving its ability to resolve conflicts and align with user requirements.
- Real-Time Adjustments: Integrated real-time updates to adapt to changes in schedules dynamically, ensuring minimal disruptions.
- User Feedback Integration: Incorporated user feedback to refine the tool's decision-making and improve overall scheduling accuracy.

Bitumix Website

- Website Development: Built a responsive business website using PHP and MySQL with MVC architecture.
- Real-Time Data: Enabled real-time data retrieval for better user experience.
- Secure Authentication: Integrated robust authentication for data protection.
    - Challenges Faced:Struggled with seamless data retrieval and secure authentication.
    - Solution: Optimized database queries and implemented prepared statements for enhanced security and performance.