

SAUMYA LADDHA

Software Developer | Full-Stack Developer | AI/ML Enthusiast

I'm an aspiring SDE intern, equipped with a strong background in full-stack development and a solid foundation in AI/ML. Proficiency in both front-end and back-end technologies drives my passion for coding and problemsolving. My AI/ML knowledge adds an innovative dimension to my skill set. I'm eager to contribute, learn, and collaborate on software projects, aiming to blend technical expertise with creative thinking to craft impactful and forward-thinking solutions.

PROJECTS

Children's Well-being & Learning App

PRESENT

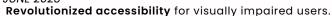
- Elevated emotional well-being, fostering resilience and positive mental health.
- Enabled data-driven learning, unlocking each child's unique potential for growth.
- Employed NLP and LSTM models for emotion analysis, and designed an Al chatbot, community, and interactive learning.
- Applied data science techniques like gamification and adaptive content for holistic child development.

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<u>VisuallyAI - Empowering Accessibility</u>



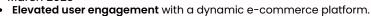
- Developed a user-friendly virtual assistant platform with a substantial positive impact on user experiences.
- ngineered a mobile-responsive website, integrating advanced Al features, such as face recognition, object detection, text-to-speech, and speech recognition, for enhanced accessibility.

E-COMMERCE SHIPPING TIME PREDICTION

MAY 2023

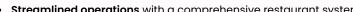
- Boosted customer satisfaction with improved on-time product delivery.
- Informed logistics optimization for enhanced operational efficiency.
- Developed a predictive model using Random Forest and Gradient **Boosting** algorithms.
- Utilized a dataset with 10,999 observations and 12 variables to enhance supply chain operations and elevate the customer experience.

E-Commerce Website using MERN Stack March 2023



- Ensured transaction security, resulting in improved user satisfaction.
- Developed a dynamic e-commerce platform using the MERN stack (MongoDB, Express.js, React, Node.js).
- Emphasized intuitive user interfaces and efficient product catalog management to enhance user engagement.

WEB-BASED-Restaurant MANAGEMENT SYSTEM FEB 2023

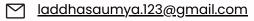


- Streamlined operations with a comprehensive restaurant system. Improved efficiency in employee management and enabled data-driven
- decisions.
- Developed a restaurant system using PHP, MySQL, HTML/CSS, JS (jQuery),
- Enhanced operations with features like online ordering, inventory tracking, and data analytics.

POSITIONS AND VOLUNTEERING

- **Dedicated Volunteer**: Passionately teach underprivileged students in Amethi and nearby areas.
- Editorial Head: Lead RGIPT-IEEE student chapter, driving innovative editorial
- Mess Committee Member: Ensure top-notch food quality for a satisfying dining experience.
- Film & Media Club Member: Actively participate in creating captivating content.

MY CONTACT



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- 13,Neemchowk,Ratlam,457001
- https://www.linkedin.com/in/sa umya-laddha-b29636254/

TECHNICAL SKILL

- Lanauaaes:
- C/C++, JavaScript, Python, PHP, TypeScript
- **Tools and Software:**
- React, Node.js, MySQL, MATLAB, TensorFlow, PyTorch, sci-kit-learn, OpenCV, and data analysis tools such as Jupyter Notebook, pandas, and Tableau
- **Areas of Study:**
- Data Structures, Algorithms, Database Management, Full Stack Development, Object-Oriented Programming, Software Engineering, Computer Networks, AI/ML (Artificial Intelligence/Machine Learning), Deep Learning, Computer Graphics, and Data Analysis.

Key Skills

- Strong problem-solving abilities
- **Excellent communication skills**
- Project management expertise
- Collaborative approach to teamwork
- Adaptability to evolving situations
- Strong commitment to continuous

Education Background

Rajiv Gandhi Institute of Petroleum Technology

A INSTITUTE OF NATIONAL IMPORTANCE

- Bachelor of Technology in Computer Science and Engineering CPI 8.07

2021-2025

St Stevens Higher Secondary School

M.P Board of Secondary Education Percentage-87%

2019-2020

Shri Guru Tech Bahadur Academy

CBSE Percentage-94% 2005-2018





