

VISHRUT KUMAR

BENGALURU, India, 7008059382, thevishrutkumar@gmail.com

LINKS

[Linkedin](#), [Github](#)

PROFILE

Final-year computer science undergraduate and a ex- Intern at VerSe (Dailyhunt), Led data-driven projects in predictive maintenance & loan default prediction using Python . Internship at Dailyhunt allowed me to gain experience with full-stack Python libraries, LLMs, and SQL, where I reviewed and analyzed AI model performance. My collaborative efforts with cross-functional teams have supported strategic advancements, and my dedication to quality and creativity has been recognized through achievements such as placing second at IBM ICE and earning recognition at SSU International MUN.

EMPLOYMENT HISTORY

May 2024 — Aug 2024

Intern, VerSe Innovation (Dailyhunt & Josh)

BENGALURU, IN

- Completed a Structured Boot Camp in Deep Learning and Analytics. Acquired advanced skills in deep learning, analytics, data visualization, and feature engineering techniques.
- Developed an internal tool that analyzed AI models, utilizing Python libraries, `tmux`, `cron`, and PostgreSQL to automate and streamline analytics processes. This tool processed and analyzed data from over 300,000 posts.
- Conducted comprehensive performance analysis on AI models across multiple features, leading to actionable insights that resulted in a 5% increase in content engagement.
- Applied database querying techniques to manage and analyze data efficiently and successfully hosted the tool on a cloud platform, enabling access for 50+ users across the organization.
- Provided impactful insights into model performance that guided strategic decisions, significantly enhancing content engagement and effectiveness.

Jun 2023 — Aug 2023

Summer Intern, Swami Integrators and consultants LLP

SURAT, IN

- Designed and developed a website for the business, incorporating a cost calculator integration. This addition boosted order footfall by 10%, driving increased engagement and revenue.
- Conducted detailed data and zoning analysis for the company, which provided critical insights used in developing a targeted maintenance strategy. This analysis contributed to improving operational efficiency and reducing maintenance costs.
- Attended a high-profile seminar hosted by Havells, focusing on emerging technologies in grid integration and energy management. Gained valuable knowledge on industry advancements, which informed best practices and strategic decisions in energy management.

PROJECTS

Kanban TODO List for Event Scheduling in Flask

- Developed a Flask-based web application that splits CSV data into two Kanban boards for task management.
- Implemented functionalities for sending emails, WhatsApp messages, and phone calls directly from the application.
- Integrated frontend technologies (HTML, CSS, JavaScript) with backend logic to create a seamless user experience.

<https://github.com/KumarTheVishrut/weekday-ram-shyam-todolist>

Predicting loan default

- Developed a loan default prediction model using Python, applying a credit risk and savings ratio formula to assess financial stability.
- Implemented a decision tree algorithm to classify loan default risk based on 12 key parameters, enhancing prediction accuracy.
- Trained the model on a comprehensive dataset, optimizing performance and reliability in predicting potential loan defaults.
- Utilized Python libraries for data preprocessing, model training, and evaluation to ensure robust and effective risk assessment.

Siren app in streamlit

- Built a siren detection app using Streamlit to distinguish between ambulance, police, and firetruck sirens. Used docker to run in vm.
- Trained the model on kurtosis values extracted from audio data to accurately classify different siren types.
- Developed a user-friendly interface for uploading sound files and displaying classification results in real-time.
- Optimized the app for deployment, ensuring smooth performance and easy accessibility for end-users.

EDUCATION

Sep 2021 — May 2025	B-Tech CSE (AI & ML), SRI SRI UNIVERSITY	Bhubaneswar
	<ul style="list-style-type: none">• Was the IBM ICE second runner-up for ideas and presentations.• I was entitled to the Special Mention Award in SSUIMUN for representing Switzerland in the MUN-World Bank.• Took additional courses on data science and business analytics Designed and deployed a user-friendly app for streamlining business processes Successfully implemented machine learning model for predictive maintenance, improving equipment reliability and reducing downtime.• Led the development of a loan default prediction system, enhancing risk management strategies and minimizing financial losses• Was elected the student council member• Won silver medal in Table tennis match in college sport event	

SKILLS	Python	Jira
	C++	Docker
	SQL	Bash
	Git	Linux
	GCP	Astro
	Redis	Vuejs

HOBBIES	Chess , roadbiking , hiking
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LANGUAGES	English	Highly proficient	Gujarati	Native speaker
	Hindi	Native speaker		

COURSES				
Feb 2024 — Feb 2027	XV- Research Analyst, NISM			
Apr 2022	Fundamentals of Cloud security, Palo alto			
Apr 2022	Student Member, IEEE			