

KIRAN KUMAR RAVELLA

I'm a recent graduate with a Master's Degree in Information Technology. Eager to kickstart a career in the Software Industry with a strong foundation in Programming Languages. A quick learner with a passion, proactive, adaptable, and ready to contribute to dynamic teams. I am seeking opportunities to apply academic knowledge and develop practical skills professionally.

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 <https://github.com/kravella3636>

 Clinton, MS

 <https://kravella3003.github.io/>

EDUCATION

Master's Degree in Information Technology	GPA
Valparaiso University	3.9 / 4.0
Valparaiso, IN	
Bachelor of Technology in Computer Science	GPA
GITAM University	3.3 / 4.0
Vizag, India	

EXPERIENCE

Data Engineer Intern
Star Computers
07/2021 - 03/2022 Vizag
Dedicated and skilled Data Engineer with a solid foundation in data engineering, gained through practical experience at Star Computers in Vizag. Experienced in designing and maintaining robust data processing architectures, with a focus on virtualization, storage options, and security procedures within data environments. Proven track record of contributing to data infrastructure projects, applying data security best practices, and developing analytics solutions to drive data-informed decision-making. Proficient in tools such as Power BI, Python, SQL, and cloud computing platforms.
Web Developer Intern
Raise Digital
06/2020 - 06/2021 Remote
During my remote internship at Raise Digital, I gained experience in web development. I was able to gain information and useful abilities in a virtual environment thanks to this exceptional experience. By working on web development projects, I improved my coding, troubleshooting, and remote solution implementation skills. My capacity to adapt and communicate was honed in the A virtual work environment where I worked with team members via digital platforms.

SKILLS

Data Processing	Data Analysis	ETL Pipeline Development	Network Architecture
Relational Database Management	JQuery	Scripting and Automation	Project Tracking
Backup Management	Data Visualization with Power BI	Clustered file systems	WordPress
PowerBi	PHP	Drupal	UI/UX Design
Collaboration and Problem-Solving	Python	Javascript	
HTML	CSS	React	MySQL
C	AWS	C++	Core Java
Web Application Development			
Customer Service Settings	Debugging	Analytical Skills	Troubleshooting
Query Writing			
DAX	Software Development	Interpersonal Communication	Search Engine Optimization
Agile Methodologies			

LANGUAGES

English Proficient	<div><div></div><div></div><div></div><div></div><div></div></div>	Hindi Advanced	<div><div></div><div></div><div></div><div></div><div></div></div>	Telugu Native	<div><div></div><div></div><div></div><div></div><div></div></div>
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PROJECTS

1. Advanced E-Commerce Website

During my internship, I played a pivotal role in the development and optimization of an advanced E-Commerce website. This hands-on experience allowed me to delve into the intricacies of online retail platforms. I implemented cutting-edge technologies to enhance the platform's performance and user experience. From responsive web design to ensuring an interactive interface, I contributed to creating a seamless and efficient online shopping experience.

2. Customer Churn Prediction Model

Developed a Customer Churn Prediction model using Python and SQL, leveraging telecom customer data to identify key factors influencing churn. Responsibilities included cleaning and analyzing the dataset, performing feature engineering, and building a Logistic Regression model with 85% accuracy. Successfully implemented the model in production, resulting in a 15% reduction in churn rate within the first quarter of deployment. Additionally, created a Power BI dashboard for real-time visualization of churn predictions, providing actionable insights for targeted retention efforts.

3. Keyword Search Engine Optimization

In a significant SEO project, I took charge of engineering and optimizing the backend systems. My focus was on improving user access to relevant content through precise keyword frequency analysis. By streamlining processes for efficient article retrieval and analysis, I successfully contributed to enhancing the project's search engine visibility and overall effectiveness.

4. Blog to Podcast Transformation

As a leader in a transformative project, I spearheaded the development of Python code that seamlessly transformed written blogs into engaging video/podcast content. Leading a 10-member team, I optimized our workflow with Agile methodologies, ensuring project success. This initiative not only showcased my technical skills but also highlighted my ability to manage and lead a team toward innovative solutions.

5. Deploying Online School ERP System using AWS Virtual Private Cloud

My involvement in deploying an Online School ERP System using AWS Virtual Private Cloud provided me with extensive knowledge of cloud computing. This project served as a solid foundation for utilizing cloud technology to promote productivity, scalability, and creativity in educational systems. The experience gained in this endeavour has significantly contributed to my expertise in the cloud-based solutions.

VOLUNTEERING

Representative

National Service Scheme

During my time with the National Service Scheme (NSS), I applied my knowledge from my Computer Science Degree to organize patient simulation exercises for health workshops, enhancing communication with faculty and community members. I developed and facilitated simulations, and contributed to educational campaigns, significantly improving our health awareness initiatives and honing my technical and leadership skills.

Accredited Student

Computer Society of India

As an Accredited Student with the Computer Society of India from July 2019 to April 2022, I actively engaged in activities related to science and technology for nearly three years. During this period, I participated in various programs, events, and initiatives organized by the Computer Society of India. This involvement allowed me to stay abreast of the latest developments in the field of science and technology, connect with like-minded peers, and contribute to the technological community. My accreditation with the Computer Society of India reflects my commitment to continuous learning and active participation in fostering advancements within the realm of computer science and technology.