

Jeevan N

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Summary — Strong in design and integration with intuitive problem-solving skills. Proficient in C, C++, PYTHON, JAVASCRIPT, and SQL. Passionate about implementing and launching new projects. Ability to translate business requirements into technical solutions. Looking to start my career as an entry-level software engineer with a reputed firm driven by technology.

Skills

Programming Languages Python, C++, C, Java, JavaScript
Databases SQLite, MySQL
Web-Technologies Django Framework, ReactJS, HTML, CSS

Frameworks OpenCV, Mediapipe, Numpy, pytsx3
Operating System Windows, Ubuntu

Internships

Intern at Take it Smart Oct, 2023 to Nov, 2023

Description :

- Experience in developing machine learning models, focusing on supervised/unsupervised learning, image processing, and real-time applications using Python, OpenCV, and NumPy.
- Hands-on experience in computer vision tasks such as vehicle detection and license plate recognition, with strong skills in data preprocessing, model optimization, and collaborative problem solving in diverse tech projects.

Intern AI-Data Quality Analyst at Rooman Technologies (supported by IBM) Sep, 2024 to Mar, 2025

Description :

- Gained hands-on experience in AI, Data Analytics, Web Development, and Cloud Computing through industry-driven projects.
- - Worked with Power BI for data transformation, visualization, and predictive analytics. Developed web applications using Flask and managed databases with SQL.
- - Fundamentals of Linux, Cloud Orchestration, and Networking to enhance system efficiency. Applied the learned concepts to real-world problem solving, improving technical proficiency.

Projects

Go Together: Smart vehicle pooling system(Ongoing)

Description :

- Developed a web-based vehicle pooling platform to connect users traveling in the same direction, enabling them to share rides and reduce commuting costs.
- Designed and implemented a system for real-time ride matching, allowing users to offer or book rides based on location and destination.
- Developed a cost-splitting algorithm that automatically calculates shared expenses like fuel, improving the affordability of long-distance travel.

Real time Vehicle Count using Computer vision

Description :

- Developed a real-time vehicle counting system using computer vision and image processing techniques, designed to monitor traffic patterns and identify peak, moderate, and low traffic periods with precision.
- Designed and implemented the system for tolls to accurately count vehicles and detect accidents in real time, improving traffic management and safety through timely data insights.
- The project was able to achieve the accuracy of 85% on live real-time feed data.

School Management System

Description :

- A School Management System (SMS) is designed to streamline various administrative, academic, and operational tasks within an educational institution. Here are the key objectives of a School Management System :
- Simplify and automate administrative tasks to improve efficiency
- Provide tools for assessing and monitoring student performance.
- Facilitate communication between students, teachers, and parents.
- Optimize the management of school resources.
- Maintain up-to-date records for all school members.
- Provide insights and generate reports for decision making.

Education

Sambhram Institute of Technology <i>Bachelor of Science in Computer Science and Engineering, CGPA 8.46</i>	<i>Dec, 2021 - Jun, 2025</i>
PUC <i>MES kishora Kendra P.U.College, 95%</i>	<i>Jun,2019 - Jul, 2021</i>
10th <i>Hymamshu Jyothi KalaPeeta, 94.08%</i>	<i>Apr,2019</i>

Certification

- Introduction to MySQL Database Development(Infosys Springboard)**
- MySQL database development includes the creation and maintenance of databases using the open-source MySQL system.
 - This involves designing schemas, writing SQL queries for data manipulation, and optimizing performance
 - Due to its scalability and reliability, MySQL is commonly used in web applications.
- Cybersecurity course from Google Certification**
- The Google Cybersecurity Professional Certificate prepares learners for entry-level cybersecurity roles, focusing on threat detection, network security, and incident response.
 - It teaches practical skills through hands-on projects using tools like SIEM,SOAR and LINUX.
- Data Science Analytics and Agile project Management from Hewlett-Packard**
- Gained a strong foundation in Data Science and Analytics, covering data pre processing, visualization, and predictive modeling. Learned to work with Power BI for data transformation and insights, SQL for database management, and Python for data analysis. Explored key concepts in AI, machine learning fundamentals, and cloud-based analytics to develop data-driven solutions.
 - Developed a strong understanding of Agile methodologies, Scrum frameworks, and iterative project management. Gained hands-on experience in sprint planning, backlog management, and stakeholder collaboration to enhance project efficiency. Learned to apply Agile principles in software development, team coordination, and continuous improvement for delivering adaptive and high-quality solutions.