SHIVAKUMAR B V
Address: BCM Post-Metric Boys Hostel,
Siddapura, Whitefield Bengaluru,560066
College Email ID: shbv22csaiml@cmrit.ac.in
Personal Email ID:shivakumarbv2004@gmail.com
Mobile No:9901509712
LinkedIn: https://www.linkden.com/in/shivakumarbv
Github: https://github.com/shivakumar-bv24

CAREER OBJECTIVE

Computer Science student with a strong interest in Artificial Intelligence and Machine Learning. Enjoys building real-world projects that create meaningful impact. I am eager to apply technical skills, grow through hands-on experience, and learn from industry professionals. Open to new challenges and passionate about exploring emerging technologies. Committed to continuous learning and contributing positively to team goals.

EDUCATION QUALIFICATION

- **Bachelor of Engineering – Computer Science Engineering (Artificial Intelligence and Machine Learning)**
  CMR Institute of Technology, Bengaluru
  7.83, 2026 (Pursuing)
- **12th – PCMB**
  Royal Composite PU College, Chinthamani-563125
  89.67%, 2022
- **10th (CBSE)**
  Jawahar Navodaya Vidyalaya,Yenigadale-563125
  71.5%, 2020

TECHNICAL SKILLS

Languages: Python
Frameworks/OS: Windows
Data Visualization: Microsoft-Excel
Database: SQL

PROJECTS

- **Library Management System**
  - The objective of the Library Management System is to efficiently manage and automate the various operations of a library, including the cataloging, issuing, returning, and tracking of books and other resources. It aims to streamline the workflow for librarians, reduce manual errors, enhance accessibility for users, and provide real-time information on book availability, due dates, and user accounts. The system also facilitates easy search and reservation of books, maintains records of borrowed materials, and supports inventory management, thereby improving overall library services and user satisfaction.
  - **Tech Stack:** Python ,HTML, CSS
- **Real and Effective Management of Street Parking System**
  - The "Real and Effective Management of Street Parking System" project aims to develop a smart and automated solution to address the growing issues of urban street parking, such as traffic congestion, fuel wastage, and inefficient space usage. By integrating IoT sensors to detect vehicle presence in each parking slot, the system collects real-time data and displays available spots through a mobile or web application, allowing users to locate and reserve

parking efficiently. The system includes features like live tracking, digital payment, automated alerts, and an admin dashboard for monitoring and analytics. This solution benefits both users and authorities by reducing parking search time, improving traffic flow, enabling better enforcement, and optimizing space utilization in crowded city area

  - **Tech Stack:** Python, PHP, HTML, CSS, Java-script, my-SQL
- **Flood Risk Assessment Mitigation using Deep Neural Network for Early Warning Systems**
  - The project titled "Flood Risk Assessment and Mitigation Using Deep Neural Network for Early Warning Systems" focuses on developing an intelligent model that predicts the likelihood and severity of floods based on real-time and historical hydrological, meteorological, and geographic data. By leveraging deep neural networks, the system learns complex patterns from datasets such as rainfall intensity, river water levels, soil moisture, and weather forecasts to provide accurate flood predictions. This AI-driven early warning system enables timely alerts and supports authorities in taking preventive measures, minimizing damage to life and property. The model enhances traditional flood forecasting methods by improving accuracy and response time, contributing significantly to disaster risk reduction and climate resilience in vulnerable regions.
  - **Tech Stack:** Python, Deep neural networks

CO-CURRICULAR & EXTRA CURRICULAR ACTIVITIES

- **Seminars:**
  - **Participated in Patent Filing Seminar**
    Gained insights into the process, importance, and legal aspects of patent filing for technological innovations.
- **Online Courses & Certifications:**
  - Certified in Python bootcamp in Udemy
  - Certified in C in Udemy
  - Certified in NCFE-NFLAT 2017-18
- **Sports:**
  - Active Badminton player

ACHIEVEMENTS

- Excellent Performance in Academics 2022

PERSONAL DETAILS

Date of Birth	: 24 March 2004
Gender	: Male
Nationality	: Indian
Permanent Address	: Bukkanahalli, N.Kotur, chinthamani, Chikkaballapura, 563125
Linguistic Competency	: English , Kannada , Hindi , Telugu
Hobbies	: Playing Volleyball, Playing Badminton, Watching Movies