Kanna Brahmaiah

College Graduate | Software Engineer

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CAREER OBJECTIVE

Seeking entry-level Software Engineer role to apply programming skills and contribute to innovative projects. Enthusiastic about technology, eager to collaborate with professionals for excellence in software engineering.

EDUCATION

Bachelor of Engineering in Computer Science and Engineering
Dhanalakshmi Srinivasan Engineering College   June 2019 – April 2023

Board of Intermediate Education
Sri Chaitanya Junior College   June 2017 – March 2019

TECHNICAL SKILLS

- **Programming Languages:** Python, SQL, JavaScript
- **Web Development:** HTML, CSS, Bootstrap
- **Libraries & Frameworks:** Bootstrap
- **Development Tools:** Visual Studio
- **Version Control:** GitHub

PROJECTS

Road Way Traffic Sign Detection   Jan 2023 – May 2023

- Designed and implemented a robust traffic sign detection system, improving detection accuracy using TensorFlow and deep learning models.
- Developed the frontend interface using HTML, CSS, JavaScript, and Bootstrap, achieving a 30% faster load time and enhancing user experience.
- Integrated MongoDB to store and retrieve traffic sign data, optimizing data management, and reducing retrieval time.
- Optimized traffic sign detection algorithm with Python, achieving a detection rate under varied environmental conditions.
- Conducted testing and debugging on Windows, identifying and resolving issues, improving system stability by 50%.

Face Recognition System   April 2022 – June 2022

- Established and deployed an AI-based face recognition system, improving security protocols in access control systems.
- Implemented facial feature extraction algorithms, reducing identification errors by 25% and increasing processing speed.
- Incorporated face recognition software into existing surveillance systems, enhancing real-time monitoring capabilities with accuracy rate.
- Automated data collection from multiple camera feeds, streamlining the analysis process and reducing manual intervention time.
- Enhanced facial data storage using cloud technology, decreasing data retrieval times by 20% and improving scalability.

CERTIFICATIONS

- Certified in Python and SQL – BitLabs ,IBM
- Attained proficiency in HTML & CSS – BitLabs.