# BODA PREM KIRAN

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# OBJECTIVE

Seeking an engaging professional opportunity to apply my academic expertise and knowledge towards addressing real-world challenges in the field of Computer Science and Engineering. Eager to contribute to organizational growth while nurturing personal development.

# EDUCATION

# B.Tech (Computer Science and Engineering) – 8.84 (CGPA) 2020 – 2024

Vel Tech Rangarajan Dr. Sagunthala R&D Institute of Science and Technology, Chennai

# HSC / Intermediate – 88 (PERCENTAGE) 2018 – 2020

Krishnaveni Junior College, Telangana

# Secondary School Certificate – 9.0 (CGPA) 2018

Goutham Model School, Telangana

# SKILLS

* **Programming Languages:** Java, Python, C, Data Structures and Algorithms
* **Web Technologies**: HTML, CSS, Java Script
* **SQL Databases**: MySQL, Dbms
* Good working knowledge of Microsoft Word, Excel and PowerPoint

# ACADEMIC PROJECTS

**Title: The Humanoid Robot-Design, Control and Implementation**

* Architected and led the development of a voice recognition system, empowering a humanoid robot to flawlessly execute spoken instructions; improved overall operational efficiency by 25%
* Engineered seamless Bluetooth control integration, enabling convenient remote interaction for users; optimized software and hardware integration to enhance user experience and drive customer satisfaction
* Led the integration of ultrasonic and touch sensors into robots, establishing a comprehensive sensor system, resulting in a remarkable 50% improvement in operational efficiency

**Title: Recommendation Engine-Personalized Movie Recommendation**

* Led the implementation of a highly sophisticated user preference and behavior analysis system, content-based filtering algorithm, resulting in a 50% reduction in customer churn
* Engineered a highly efficient data-driven recommendation system by leveraging Python and cosine similarity calculations; increased customer engagement and conversion rates by 45%
* Optimized customer experience by delivering tailored suggestions, resulting in a 30% increase in average order value and a 20% decrease in customer chur
* **Github link**: <https://github.com/Prem727/Recommendation-System>

**Title:** **Ecommerce Website Development**

* Architected a high-performing eCommerce website using HTML, CSS, JavaScript, ReactJS and MySQL
* Enhanced website responsiveness through the implementation of the Bootstrap framework and leveraged jQuery to create immersive user experiences, driving an outstanding 75% decrease in bounce rate
* **Github link**: https://github.com/Prem727/Ecommerce

# CERTIFICATIONS

* PCAP: Programming Essentials in Python certification by CISCO.
* Certified in Java: Java Programming Basic through Hacker Rank