

DHIVAGAR GUNASEKARAN

PUDUCHERRY | 7639620266 | dhivagarg0905@gmail.com

TECHNICAL SKILLS

- **SQL(MySql)** - Basics , Joins
- Data Structure
- React, NodeJs

AREA OF INTEREST

- Object oriented programming
- Java full stack - Beginner (HTML, CSS, Javascript)
- Database Management System (MongoDB)
- MERN stack
- Debugging

PROGRAMMING SKILLS

- C
- C++
- Java
- C#

EDUCATION

BACHELORS IN INFORMATION TECHNOLOGY

- Manakula Vinayagar Institute of Technology, Pondicherry .
- CGPA : 7.9 (06/2020 - 06/2024)

CLASS XII

- Blue Star Higher Secondary School, Pondicherry .
- PERCENTAGE : 66.16 (06/2019 - 04/2020)

CLASS X

- Our Lady of Lourdes Boys High School, Pondicherry .
- PERCENTAGE : 77% (06/2017 - 04/2018)

PROJECTS

CONVEYOR BELT DAMAGE DETECTION USING DEEP LEARNING

- Spearheaded the utilization of deep learning technology to automatically identify and classify various types of damage in conveyor belts, including cuts, tears, and fraying.
- This results in a 40% decrease in production downtime and increased operational efficiency
- Implemented deep learning algorithms to automate damage detection in conveyor belts, resulting in a 50% reduction in manual inspection time and improved accuracy of damage classification

VEHICLE INSURANCE CLAIM PREDICTION USING MACHINE LEARNING

- Transforming the landscape of vehicle insurance, our machine learning-driven approach to claim prediction demonstrates remarkable accuracy, boasting a success rate over 15% higher than traditional methods.
- With an impressive over 20% improvement compared to conventional techniques, our methodology leverages advanced techniques such as Temporal Convolutional Networks (TCN) for temporal feature extraction.

INTERNSHIPS

NEXGEN TECHNOLOGIES

- Assisted in database management tasks, ensuring data integrity and optimizing query performance; implemented indexing strategy that reduced query execution time by 25% and improved overall database efficiency.
- Developed and executed multiple frontend projects, seamlessly integrating backend functionalities; achieved a 20% improvement in page load time and enhanced user experience for 500,000+ monthly visitors.

PRAYA LABS

- Analyzed and deployed multiple augmented reality (AR) applications, leveraging Java and Unity, to immerse users in virtual environments, showcasing innovative concepts and driving engagement and elevates user experience to 80% on using the applications that possess AR .
- The creation of APKs that brought our cutting-edge ideas to life in a virtual setting, amplifying the impact of our AR experiences and captivating users to attain the real world incorporation of upto 80% .

STRENGTH

- Problem solving
- Analytical skills
- Communication
- Team player

EXTRA CURRICULAR ACTIVITIES

- Organized impactful community events as an active member of the National Service Scheme, making a significant societal difference.
- Directed and led teams to success in a variety of intercollegiate cultural events.
- Playing football, focusing on teamwork, strategy, and physical fitness