BAGATHI DINESH KUMAR

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ABOUT ME

Proactive Engineering student keen to translate academic understanding into tangible results. Actively seeking an **Entry-Level Full Stack Developer** position to immerse myself in a challenging professional setting, grow my technical expertise, and contribute meaningfully to cutting-edge web development initiatives

INTERNSHIP EXPERIENCE

Full stack developer, METROLABS SERVICES PVT LIMITED   Jun 2023 – Jul 2023

- **Developed and maintained** core functionalities of **PANTS**(Personalized Analysis and Nutrition Tracking System), a self-hosted nutrition tracker, enabling recipe comparison, calorie tracking, and meal optimization
- **Integrated nested recipe structures**, allowing dynamic nutritional recalculations across meta-recipes like meals and snacks
- **Enhanced user experience** by enabling recipe cloning with alternative ingredients, improving system's capability for nutritional and cost comparisons
- Tools : Python, Flask

PROJECTS

Customer Churn Prediction Using Machine learning and Artificial Neural Network Algorithms

- Built and validated machine learning models for predicting customer churn and identifying at risk customers to inform targeted retention strategies
- **Compared** proposed models with numerous machine learning methods frequently applied in churn prediction studies
- **Contrasted** model results using essential accuracy classification tools such as precision, recall, sensitivity, specificity, true positive rate, false positive rate, and AUC
- Tools Used: Python

E-Commerce website | Happy Carts

- **Created** an innovative E-commerce platform, enhancing user experience and driving online sales growth
- **Engineered** an innovative E-commerce platform, focusing on intuitive design and robust functionality
- **Contributed to significant** online sales growth by enhancing user experience and optimizing platform features
- Tools Used: HTML, CSS, JavaScript

TECHNOLOGIES

Languages: Python, JavaScript, HTML, CSS

Technologies: React Framework, Machine Learning, Generative AI

EDUCATION

ADITYA INSTITUTE OF TECHNOLOGY & MANAGEMENT   Aug 2020 – Jun 2024

- GPA: 7.27/10.0
- **Coursework:** Bachelor of Technology, Major in Electronics and Communication Engineering

CERTIFICATIONS

- AWS Academy Cloud Foundation by Amazon web Services
- PCB Design by a APSSDC in 2021