GOPIKASHREE PR

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PROFILE

Aspiring AI & Data Science graduate with expertise in Python, SQL, and Power BI. Skilled in machine learning, deep learning, predictive modeling, statistical analysis, and data visualization. Passionate about leveraging data-driven insights to solve real-world problems. Quick learner with strong problem-solving abilities and a solid foundation in Django for web development and advanced data analysis techniques.

WORK EXPERIENCE

CodersCave- Internship
Data Science Intern — *Aug 2024 to Sep 2024*

- Performed Exploratory Data Analysis (EDA) on 750,000+ transactional data points, identifying key insights for a customer loyalty program, now used by 5,000+ active users.
- Conducted comprehensive data analysis on multiple domains, including customer behavior, climate trends, house price prediction, and employee feedback insights.

Evolve Robot Lab - Internship — **Nanganallur, Chennai**
Junior Researcher Fellow — *June 2024 to July 2024*

- Conducted AI-driven analysis of user interactions, identifying 15 key areas for improvement, leading to a 25
- Developed and deployed an AI chatbot using Artificial Neural Networks (ANN), reducing customer query response times by 50
- Collaborated in team discussions and code reviews, gaining hands-on experience in Python, statistical methods, and data visualization.

EDUCATION

Panimalar Engineering College — **Nazarathpet, Chennai**
Bachelor of Technology Artificial intelligence and data science — *Oct 2022 - present*

Thiruthangal Nadar Vidhyalaya — **Thangal, Chennai**
Higher Secondary School Certificate(HSC) — *Apr 2020 - May 2022*

Thiruthangal Nadar Vidhyalaya — **Thangal, Chennai**
Secondary School Leaving Certificate (SSLC)) — *Apr 2019 - Apr 2020*

PROJECT

Deep Learning Based Emotion-Driven Music Recommendation System | Link

- Developed a real-time emotion recognition system using ResNet50V2 and CNN, achieving an emotion detection accuracy of 90% in classifying emotions from facial expressions.
- Integrated the emotion recognition system with a personalized music recommendation engine, resulting in a 40% increase in user engagement based on feedback from a sample of 100+ users.

Diabetes Predictor | Link

- Developed a predictive model using Feedforward Neural Network (FNN) to classify diabetes risk, achieving an accuracy of 85% in predicting diabetes onset based on patient data such as age, BMI, and blood pressure.
- Utilized scikit-learn and TensorFlow for model training and evaluation, reducing the time to process predictions by 30% compared to traditional methods.

E-commerce sales Report using Power BI | Link

- Developed an interactive Power BI dashboard to analyze and visualize e-commerce sales data, enabling stakeholders to track monthly revenue growth, customer demographics, and product performance in real-time.
- Improved business decision-making by identifying key trends that resulted in a 15% increase in sales through targeted product recommendations and promotional strategies.

CERTIFICATIONS

Generative AI – Oracle, 2024 [Certificate]
Acquiring Data – NASSCOM, 2024 [Certificate]
Cyber Security – NASSCOM, 2024 [Certificate]

Power BI Workshop – TechTip24, 2025 [Certificate]
Google Data Analytics – Google cloud, 2025 [Certificate]

ACHIEVEMENTS

Symposium Event Coordinator (2024) | Techdivathon Volunteer (2025) | Symposium Student & Event Coordinator (2025) | Women's Day Celebration Coordinator (2025)

PUBLICATIONS/ COPYRIGHTS

Protection of Biometric Authentication using peer-to-peer network System with Shared Records Journal indexed in Scopus(2024)
Deep Learning Based Emotion-Driven Music Recommendation System Published in IEEE Conference(2025)

COMPETITION/ CONFERENCE

IEEEXtreme 17.0 (24 hrs coding) | 6th PECTEAM Int. Conference | 7th PECTEAM Int. Conference
AWS AWSOME Online Conference | 8th PECTEAM Int. Conference

INTERESTS

Debugging and Analyzing | Listening to Music | Handcraft works

TECHNICAL SKILLS

Programming Languages: Python, Java   **Web Development:** HTML, CSS, JavaScript   **Database:** MySQL   **BI Tools:** Power BI

LANGUAGES

English – Advanced | **Tamil** – Full Proficiency

DECLARATION

(Gopikashree PR), hereby declare that the information provided here in as true and accurate to the best of my knowledge. I understand the implications of providing false information and take full responsibility for its authenticity.