

# GOPIKASHREE PARAMASIVAM

No:55/27c, village street, Thiruvottiyur | +91 9952059238 | gopikassakipog@gmail.com | www.linkedin.com/in/prgopikashreegs/

## PROFILE

Aspiring AI and Data Science graduate with a strong foundation in machine learning, data analysis, and statistical modeling. Proficient in Python, R, and SQL, with hands-on experience in projects involving customer behavior analysis, time series forecasting, and predictive modeling. Eager to apply analytical skills and innovative problem-solving abilities to real-world challenges in a dynamic, data-driven environment. Quick learner, highly adaptable, and passionate about leveraging data to drive impactful decisions.

## WORK EXPERIENCE

### CodersCave- Internship

Data Science Intern

Aug 2024 to Sep 2024

- Performed EDA on 750,000+ transactional data points, resulting in actionable insights that shaped a new customer loyalty program, which is currently utilized by over 5,000 active users, enhancing retention rates.
- Conducted comprehensive data analysis across various domains, including transactional data for customer behavior insights, climate data for time series trend analysis, house price prediction, and employee feedback surveys to identify areas of improvement.

### Evolve Robot Lab - Internship

Junior Researcher Fellow

Nanganallur, Chennai

June 2024 to July 2024

- Completed a 30-day AI/ML internship in Nanganallur, Chennai.
- Executed an AI-driven analysis of user interactions, identifying 15 key areas for improvement; insights gleaned from this analysis informed feature enhancements that increased overall user engagement by 25
- Engaged in team discussions and code reviews, enhancing collaborative problem-solving.
- Developed and deployed an AI bot utilizing ANN principles, which streamlined customer inquiries, reducing response times by 50% and becoming a key resource for over 12 team members in customer support.
- Gained proficiency in Python and a solid grasp of statistical methods and data visualization.

## EDUCATION

### Panimalar Engineering College

Bachelor of Technology Artificial intelligence and data science

Overall GPA: 3 out of 4

Nazarathpet, Chennai

Oct 2022 to present

### Thiruthangal Nadar Vidhyalaya

Higher Secondary School Certificate(HSC)

Percentage: 70.8

Thangal, Chennai

Apr 2020 to May 2022

### Thiruthangal Nadar Vidhyalaya

Secondary School Leaving Certificate (SSLC)

Percentage: 77

Thangal, Chennai

Apr 2019 to Apr 2020

## PROJECT

### Image processing

- Implemented advanced image processing algorithms to enhance image quality by 20% and automate feature extraction
- Conducted thorough testing and validation, resulting in a 25% increase in detection accuracy for various image datasets.
- Collaborated with a team of data scientists, contributing to the deployment strategy & gained 3 times more knowledge

### Time series Analysis

- Conducted time series analysis using LSTM networks to forecast trends and improve predictive accuracy by 10x.
- Utilized Python, Tensorflow and Keras for model development, training and validation, reducing development time by 20%.
- Implemented data visualization techniques to analyse, interpret time series trends & patterns, improving interpretability by 25%.

### Iris Flower classification using Machine Learning

- Implemented a basic Machine Learning pipeline using the Iris dataset to determine the species of the Iris Flower.
- Better understanding of data loading, preprocessing, model training, and basic evaluation using standard machine learning techniques in Python.
- Used three different ML algorithms, and determined which Model is most effective in predicting the following species.
- DecisionTreeClassifier, Logistic Regression, and Support Vector Classifier from scikit learn package are used to determine the accuracy of the prediction.

## COMPETITION/ CONFERENCE

IEEEExtreme 17.0 (24 hrs coding) | 6th PECTEAM International Conference | 7th PECTEAM International Conference | AWS AWSOME Online Conference

## CERTIFICATIONS

---

**Generative AI** Oracle Certified Professional, 2024 | **Introduction to Natural Language Processing** Infosys Springboard,2024 | **Introduction to Deep Learning** Infosys Springboard,2024 | **Introduction to Artificial Intelligence** Infosys Springboard,2024 | **Introduction to Artificial Intelligence Foundation Certification** Infosys Springboard,2024 | **Acquiring Data** , NASSCOM, Futureskills, 2024 | **Cyber Security Fundamentals**, NASSCOM, Futureskills, 2024

## PUBLICATIONS/ COPYRIGHTS

---

- **Protection of Biometric Authentication using peer-to-peer network System with Shared Records.** Journal indexed in Scopus

## INTERESTS

---

Debugging and Analyzing | Listening to Music

## TECHNICAL SKILLS

---

**Programming language:** Python, C, C++, Java | **Web development:** HTML, CSS, Javascript | **Big data and machine learning:** Basic knowledge of Big data tools | **Database Technologies:** MySql, MongoDB

## LANGUAGE

---

**English** - Advanced | **Tamil** - Full proficiency | **French** - Basic proficiency

## DECLARATION

---

(Gopikashree Paramasivam), 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.