

# Gurupriya Kannan

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## Career Objective

**Aspiring Computer Science Graduate** with a solid foundation in **programming, data structures, and software development**.

Attended 5+ **professional bootcamps** on **AI, machine learning**.

## Volunteering And Workshop

- **Novitech R&D: Private Limited** Completed workshops on developing a Python-based voice assistant and exploring practical artificial intelligence applications
- **Sastra University:** Participated in a workshop on Blockchain and Front-End Web Development, gaining insights into decentralized technologies and modern web design practices.
- **Skill Nation:** Earned a certification in the Claude AI Master Class, focusing on advanced artificial intelligence concepts and solutions.
- **Let's Upgrade:** Completed the GitHub Bootcamp, strengthening my expertise in version control systems and collaborative software development workflows.

## Education

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|---|------------------------|
| <b>Sastra Deemed University</b> , B.Tech. in Computer Science engineering specialized in artificial intelligence and data science | Oct 2022 – June 2026   |
| • GPA: 7.5/10.0   |                        |
| <b>Christ The King School:</b> Higher Secondary Certificate   | June 2021 – April 2022 |
| • Secured <b>95.5%</b> in [ State Board].   |                        |
| <b>Christ The King School:</b> Secondary School Leaving Certificate   | June 2019 – April 2020 |
| • Secured <b>81.6%</b> in [ State Board].   |                        |

## Experience

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|---|-----------------------|
| <b>Web Development Course</b><br>Udemy  | Dec 2024              |
| • Contributed to 5+ responsive web applications using HTML, CSS, and JavaScript.  |                       |
| <b>Frontend Web Development Course</b><br>IBM (6 months)  | Aug 2024              |
| • Built over 10 dynamic UIs and prototypes , demonstrating mastery of React.js and Bootstrap.   |                       |
| <b>Web Development Intern</b><br>Technohacks (1 month)  | July 2024 – Aug 2024  |
| • Contributed to the development of more than 3+ web applications utilizing React.js, Node.js, and MongoDB                                      |                       |
| <b>Machine Learning Intern</b><br>Teachnook (2 months)  | June 2024 – July 2024 |
| • Developed 8+ predictive models and collaborated with more than 10+ datasets, applying Python libraries including Scikit-learn and TensorFlow. |                       |
| <b>Data Analysis Course</b><br>Novitech R&D (1 month)   | June 2024 – July 2024 |
| • Completed 4+ projects, applying data visualization and cleaning techniques with tools such as Tableau and Python                              |                       |

## Projects

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### Privacy Preservation

[github.com/GurupriyaK03](https://github.com/GurupriyaK03)

- My ongoing project focuses on the use of machine learning techniques for the purpose of protecting privacy, aiming to develop innovative solutions that protect sensitive data and facilitate secure data sharing.
- Tools used: Python

### Bayesian Network Modeling for Parkinson's Disease Prediction

- Developing a machine learning model to predict Parkinson's disease and its prodromal stages using clinical and behavioral characteristics.
- Tools used: Python, pgmpy, scikit-learn, pandas, NetworkX, matplotlib

### Customer Product Review Sentiment Analysis

- Developed a sentiment analysis model to classify product reviews as positive or negative.
- Explored user behavior patterns through the visualization of the review and purchase data.
- Tools used: Python, Flask, Pandas, Scikit-learn, NLTK, Matplotlib, Seaborn

### Book Recommendation System

- Developed a content-based book recommendation system using similarity scores and collaborative filtering techniques to suggest books based on user preferences.
- Implemented a Flask web application to provide real-time book recommendations, utilizing preprocessed book data and a machine learning model for similarity scoring.
- Tools used: Python, Flask, Pandas, NumPy, Scikit-learn, Pickle, HTML/CSS

## Skills

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**Languages:** C++, C, Java, Python, HTML, CSS, Javascript, Assembly

**Technical Skills:** Web development, Machine learning, Data analysis