

**DEEPAK .R**

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## 📖 Career Objective

Detail-oriented and highly motivated BCA graduate with strong foundations in data science, statistics, and programming. Passionate about leveraging machine learning, data analysis, and problem-solving skills to contribute to business growth. Seeking an entry-level Data Science / Data Analyst role to apply academic knowledge in real-world projects.

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## 🔧 Technical Skills

- Programming: Python, R, SQL, Java (basic)
  - Libraries/Frameworks: Pandas, NumPy, Scikit-learn, Matplotlib, Seaborn, TensorFlow (basic)
  - Tools: Jupyter Notebook, VS Code, Tableau, Power BI, Excel
  - Databases: MySQL, PostgreSQL
  - Core Competencies: Machine Learning, Data Visualization, EDA, Data Cleaning, Predictive Modeling, Statistics
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## 🎓 Education

Bachelor of Computer Applications (BCA)  
*Kamaraj University, Madurai* | 2022 – 2025  
CGPA: 9.6 / 10

- Key Courses: Probability & Statistics, Machine Learning, Data Structures, Databases, Data Mining
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## 📄 Certifications

- IBM Data Science Professional Certificate – DataMites
- IABAC Global Certification
- NASSCOM Data Science Certification
- Oracle Certified Foundation Associate

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## Projects

### House Price Prediction | Python, Linear Regression

- Performed EDA, feature engineering, and model building on Kaggle housing dataset.
- Improved model performance with feature scaling & Ridge Regression ( $R^2$ : 0.68  $\rightarrow$  0.91).

### Time Table Management System | Python

- Developed as part of internship project
- Automated scheduling and optimized time allocation for academic classes.

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## Internships / Academic Experience

### IPCS Global, Madurai – Python Intern (2024)

- Completed multiple Python mini projects including Time Table Management.
- Gained hands-on experience in coding, debugging, and testing.

### Smart Parking System (Academic Project)

- Designed frontend in JavaScript and backend in Node.js.
- Proposed a solution to improve urban parking efficiency.

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## Achievements

- Ranked in Top 15% of BCA program at Mary Matha College.
- Consistently maintained CGPA 9.6+/10.
- Achieved Distinction in BCA and selected as Class Representative (2 years).

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## Languages

- English – Fluent
- Tamil – Native