

Prasanna Venkataraman S

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Education

KIT-Kalaignarkarunanidhi Institute of Technology
B.Tech in Artificial Intelligence and Data Science

Sep 2023–Sep 2027

- GPA: 8.78/10.0
- **Coursework:** Foundational mathematics, Basic Programming(C,C++,Python,Java), Data structures and algorithms, Design and analysis of algorithms, Database management system, Introductory machine learning.

Projects

Loan-Approval-Project

Ensuring Automate loan eligibility process for Dream Housing Finance using customer data. Develop predictive model to identify eligible customers and streamline process.

Chronic-Disease-Prediction

Developed a model to predict chronic diseases (e.g., diabetes, heart disease) using patient data, enabling early detection and personalized healthcare.

Rainfall Prediction

Develop a model to forecast rainfall using historical climate data, improving weather forecasting accuracy for agriculture, water management, and disaster preparedness.

Skills

- **DSA:** Expertise in designing and optimizing algorithms for arrays, linked lists, and dynamic programming problems.
- **Problem-Solving:** Strong analytical skills, proven through competitive programming and solving complex coding challenges.
- **DBMS:** Proficient in relational databases, SQL, normalization, indexing, and transactions.
- **Programming Languages:** Advanced knowledge in C++ and Python, with experience in software development, algorithms, and scripting.
- **OOPs:** Proficient in applying OOP principles (inheritance, polymorphism, abstraction, encapsulation) for scalable code design.
- **Data Science:** Skilled in data analysis, cleaning, visualization, and machine learning using libraries like Pandas, NumPy, and Scikit-learn.

Achievements

- **Codechef:** Number of contests participated: 60—Highest Rating: 1390 (Div 4)
- **Leetcode:** Number of contests participated: 1—Highest Rating: 1440
- **24 Hr Hackathon :** Top 30 in Version 1.0, Top 20 in Version 2.0, Top 60 in Version 3.0
- Completed Hindi Sabha Exams(Prathmic to Praveen)

Cerifications

NPTEL certifications :

Design Thinking - A Primer

Other certifications :

- Completed Python certificate course in INFOSYS SPRING BOARD
- Completed Coursera Certificates like Machine learning, Trees and Graphs, Foundation and data Science, Data Visualization, Introduction to Artificial Intelligence, etc.,
- Completed HackerRank Certificates like Python(Basic), Java(Basic)

External certifications :

- Achieved First prize in Paper Presentation at SRIET-Coimbatore
- Achieved First prize in Ideathon at CIET-Coimbatore