DEEPIKA T N

Master of Science in Computer Science Student

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SUMMARY

I am a Master of Science in Computer Science student with a passion for software development, database management, and web technologies. Proficient in Python, HTML, SQL, DBMS, and Excel, with a strong foundation in problem-solving, data structures, and algorithms. Seeking internship opportunities to apply technical skills in real-world software projects and enhance my expertise in backend and frontend development

EDUCATION

Master of Science in Computer Science

MOUNT CARMEL COLLEGE

08/2024 - 06/2026 Bengaluru

Bachelor of Science in Mathematics, Statistics and Computer Science

REVA University : 87%

12/2021 - 06/2024 Bengaluru

Pre-University Education

Nagarjuna Pre-University College : **90%**

05/2019 - 03/2021 Bengaluru

School Education

Jnana Jyothi Educational Institution:91%

06/2011 - 03/2019 Bengaluru

LANGUAGES

English
Native

Kannada
Native

Hindi
Proficient

INTERESTS

Hobbies

Enjoys listening to music and exploring creativity through drawing and pencil shading

Extracurricular Activities

Participated in cultural activities and volunteered in local cancer hospitals to support patients

CERTIFICATIONS & ACHIEVEMENTS:

NPTEL Certificate

DBMS , Fundaments of OOPS

Cognitive Class.AI Powered by IBM Developer **Skills** Network.

Python Data Science

SKILLS

Python | Data Structures | SQL | Excel | Tableau | Pandas | Java

PROJECTS

Blood Bank Management System
01/2023 - 05/2023

A project to manage blood donations and inventory effectively

- Developed a database-driven web application to manage blood donations and inventory
- Implemented secure login authentication, donor registration, and hospital management features

Technologies used:

Php Mysql ,Html ,Css ,Javascrpit

Computational Drug Discovery Using Machine Learning 2025

Predictive Modeling of Drug Potency (pIC50) for Alzheimer's Treatment

- Developed a QSAR-based Random Forest regression model to predict pIC50 values from molecular structure data, targeting Human Acetylcholinesterase (AChE).
- Benchmarked model performance using R^2 and MAE metrics; deployed and tested in Google Colab using LazyPredict for comparative analysis.
  Languages: Python
- **Tools & Libraries**: PaDEL-Descriptor, LazyPredict, Scikit-learn, Pandas, NumPy, CHEMBL Database