Prisha k
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Examination	University	Institute	Year	CGPA (%)
Graduation	Anna University	Karpagam college of Engineering, Coimbatore	2026	8.6
HSC	State Board	A.S.S. Matric Higher Secondary School, Tiruchengode	2022	92.2%
SSLC	State Board	A.S.S. Matric Higher Secondary School, Tiruchengode	2020	98.8%

KEY PROJECTS

Employee Leave Management System | Self Project   [Oct'24 – Present]

- **Technologies Used:** HTML, CSS, Spring Boot, MySQL
- Developed a web-based platform using HTML, CSS, Spring Boot, and MySQL, allowing employees to apply for leave and managers to manage approvals.
- Integrated role-based access control and leave balance tracking, providing a streamlined workflow for employees, managers, and administrators.

Comparative Analysis of Machine Learning Algorithms for Blood Cancer Prediction| Self Project   [Aug'24–Oct'24]

- **Algorithms:** KNN, SVM, XG Boost, Logistic Regression, Decision Tree, Random Forest, Naïve Bayes.
- Explored and compared the efficacy of various machine learning models (e.g., SVM, Random Forest, Neural Networks) in predicting blood cancer using gene expression data. Conducted extensive performance evaluation and highlighted model-specific strengths and limitations in accuracy, precision, and processing time.

Prediction of Blood Cancer using CNN | Self Project   [May '24 –Jul'24]

- **Technologies Used:** TensorFlow, Keras, Python, and OpenCV, medical imaging datasets
- Developed a blood cancer detection system using CNN with TensorFlow, Keras, and Python, applying image processing techniques to classify medical blood smear images.
- Utilized OpenCV for preprocessing and augmentation, trained on labeled datasets, and optimized model accuracy for cancer detection.

CERTIFICATIONS

- Leadership And Team Effectiveness – NPTEL   [Apr'23]
- PYTHON - Byts India Private Limited   [Jul'23]
- Problem Solving Through C – NPTEL   [Oct'23]
- Programming In Java - NPTEL   [Apr'24]
- Problem Solving - HackerRank   [Sep'24]
- Java – HackerRank   [Sep'24]
- SQL - HackerRank   [Sep'24]

ACHIEVEMENTS

- Runner-up in the **Clash of Code** competition at Bannari Amman Institute of Technology, Sathyamangalam.
- Finalist in the Public Speaking Competition organized by Kindle Club of Karpagam college of Engineering.
- Actively practicing DSA problems.
- Awarded a certificate for scoring the top CGPA in the CSE department during the 3rd semester (9.2).
- Serving as the Membership Chair Head of the Software Development Club at Karpagam college of Engineering.
- Active NSS Volunteer, contributing to community service initiatives.

SKILL SET & HOBBIES

Java	Machine Learning	HTML, CSS
C, C++	Tensorflow	React JS
Python	Servlet, SpringBoot	Hobbies: Baking
MySQL		