Prekshitha G L

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Summary

Motivated Information Science student with a strong interest in application development and problem-solving. Skilled in Java, Python, JavaScript, HTML, CSS, SQL, and core computer science concepts such as OOPs and DSA (basics). Experienced in working with MySQL, REST API fundamentals, Git, and Agile methodology. Quick learner with good analytical skills, committed to building efficient, user-focused applications and contributing effectively to team projects

Technical Skills

- **Languages:** Java, Python, JavaScript
- **Frontend:** HTML, CSS, React js
- **Databases:** MySQL, MangoDB(Basics)
- **Oops:** Classes,Objects,Inheritance,Polymorphism,Encapsulation,Abstraction
- **Core concepts:** DSA(Basics - Arrays,Strings,Searching,Sorting),
- **API Knowledge:** Understanding Of Rest APIs(basic)
- **Tools:** Git, Github
- **Methodologies:** Agile, Scrum

Education

Don Bosco Institute of Technology, Bengaluru	*2022 – 2026*
B.E. in Information Science and Engineering	**CGPA:** 8.77 / 10
SPSM PU College , Davanagere	*2020 – 2022*
PUC (PCMC)	**Percentage:** 95.6%
Vagdevi High School, Holalkere	*2019 – 2020*
SSLC (10th)	**Percentage:** 96.32%

Certifications And Achievements

Best Paper Presentation
Don Bosco Institute of Technology,Bengaluru

- Presented the paper 'Early Detection of PCOS using Machine Learning' at I3C-2025 International Conference; awarded for outstanding presentation and innovative approach

Projects

Early Detection of PCOS Using Machine Learning(Final Year Project • January 2025 – recent)

- Developed a machine learning model to predict the likelihood of PCOS using patient health parameters, improving early diagnosis accuracy

- Implemented data preprocessing, feature selection, and classification algorithms (e.g., Decision Tree, Random Forest) to optimize prediction performance.

- Built an interactive application to provide users with quick and reliable health insights, enhancing accessibility and awareness.

Intelligent Travel Recommender System

- Designed a personalized travel recommendation system using user preferences, location data, and machine learning algorithms.

- Implemented data preprocessing, similarity analysis, and recommendation algorithms to provide accurate travel suggestions.

- Developed an interactive interface for users to explore destinations, enhancing user experience and trip planning efficency.

Power BI Dashboard project

- Developed an interactive Power BI dashboard following industry-relevant project guidelines to strengthen data visualization and analytical skills.

- Engaged with a professional learning community by sharing project outcomes and gaining feedback on LinkedIn,

- enhancing collaboration and visibility.

- Applied project-based learning to design dashboards from raw datasets, focusing on insights for data-driven decision-making.