

JOVITTA JEESON

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PROFESSIONAL SUMMARY

MCA graduate skilled in Java, Python, SQL, and web development seeking an entry-level Software Developer role. Passionate about problem-solving, full-stack development, and building practical applications using modern technologies

TECHNICAL SKILLS

Programming: **Java, Python**

Web: **HTML, CSS, JavaScript, Django**

Database: **MySQL, SQL**

Concepts: **OOP, Data Structures (Basic), REST API (Basic), SDLC, Agile**

Tools: **Git, GitHub, VS Code**

Cloud: **Microsoft Azure Fundamentals**

Machine Learning: **Random Forest, Model Evaluation, Data Preprocessing**

RESEARCH PROJECT

Game Strategy Generation in Badminton Using Random Forest

Presented at National Conference on Emerging Computing Applications (NCECA 2024)

- Collected and preprocessed structured sports performance data
- Applied Random Forest algorithm for strategy prediction and analysis
- Performed model training and evaluation using Python
- Extracted insights to improve player performance strategy
- Presented findings at academic conference

Tools Used: Python, Scikit-learn, Data Preprocessing, Machine Learning

PROJECT

SMASHZONE – Badminton Academy Management System

Designed and developed a full-stack web application for managing a badminton academy, including court booking, membership management, product shop, and basic performance prediction features.

- Implemented user registration, authentication, and role-based access control
- Built product shop section for equipment management and sales tracking
- Integrated backend logic using Django and MySQL for data storage and retrieval
- Implemented basic prediction analysis feature for tracking player performance
- Performed testing and debugging to ensure smooth system functionality

Technologies Used: Python, Django, MySQL, HTML, CSS, JavaScript

WORK EXPERIENCE

Higher Secondary School Teacher – Java Programming (ISC Curriculum)

St Mary's Residential School | July 2024 – March 2026

- Delivered Java programming sessions covering OOP, collections, and exception handling
- Mentored students in designing and implementing object-oriented Java applications.
- Provided technical assistance during lab sessions and resolved system issues
- Evaluated coding assignments and monitored project progress.

EDUCATION

INTEGRATED MCA | Amal Jyothi College of Engineering, Kanjirapally, Kottayam

APJ Abdul Kalam Technological University | CGPA: 8.04

2019-2024

ADDITIONAL INFORMATION

Languages: English (Fluent), Malayalam (Native), Hindi (Basic)

CERTIFICATIONS:

Microsoft Azure Fundamentals (AZ-900) – 2023 | NPTEL Data Mining – 2023 | Scrum Fundamentals Certified – 2022