

# Sayan Halder

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## PROFESSIONAL SUMMARY

Dynamic software developer skilled in C#, Java, Python, ASP.NET MVC, and Machine Learning, driving innovative solutions with problem-solving expertise to drive innovative projects.

## EDUCATION

**BMS Institute of Technology and Management (VTU)**

2021 - 2023

*Master's of Computer Application (MCA) — CGPA: 8.57*

Bengaluru, Karnataka, India

**Annex College of Management Studies (Singhania University)**

2018 - 2021

*Bachelor's of Computer Application (BCA) — 85.16%*

Kolkata, West Bengal, India

## SKILLS

**Programming Languages:** C#, ASP.NET, Java, JDBC, JSP, Servlets, Python, C++

**Database Query Languages:** ANSI SQL, PL/SQL

**Frameworks & Tools:** Entity Framework, MS-SQL, NetBeans, Oracle 11g, Tomcat, Flask, AWS, Git

**Algorithms & Methodologies:** Agile, Cloud Computing, Data Structures & Algorithms (DSA), Object-Oriented Programming (OOPs), RDBMS, Software Development LifeCycle (SDLC), Machine Learning

## WORK EXPERIENCE

**Cognizant Technology Solutions (CTS)**

December 2023 - Present

*Software Engineer Trainee*

Bengaluru, Karnataka, India

- Trained in C#, RDBMS (MS-SQL), Entity Framework, ASP.NET MVC Core, and Python.
- Developed a Movie Ticket Booking Management System using C#, ASP.NET MVC Core, Entity Framework, MS-SQL, and Visual Studio.

## PROJECTS

**Movie Ticket Booking Management System**

- Developed using C#, ASP.NET MVC Core, and Entity Framework (MS-SQL).
- Modules: Theatre Management, Movie Management, Booking Management.
- Role: Designed and implemented the database structure and user interface.

**CO PO Attainment Management System**

- Developed a Java and SQL application in NetBeans with Oracle database.
- Role: Led a team to create and oversee course outcomes, track grades, and generate reports, streamlining the accreditation process.

**Detection of Multilingual Spam SMS Using Naive Bayes Classifier**

- Developed a system for detecting multilingual spam SMS using machine learning and natural language processing.
- Role: Implemented text pre-processing and real-time message classification, achieving 85% accuracy. Built and deployed a predictive model from scratch, including EDA, model training, evaluation, and tuning.

## CERTIFICATIONS

- ASP.NET Course | Udemy | [LINK](#)
- C# Masterclass | Udemy | [LINK](#)
- Entity Framework in Depth | Udemy | [LINK](#)
- Java Programming for Beginners | Udemy | [LINK](#)
- Machine Learning and Deep Learning Bootcamp | Udemy | [LINK](#)
- Mastering Data Structures & Algorithms | Udemy | [LINK](#)
- PL/SQL Bootcamp | Udemy | [LINK](#)
- Python Programming Masterclass | Udemy | [LINK](#)
- Querying Microsoft SQL Server with Transact-SQL | Udemy | [LINK](#)