

Sayan Das

Computer Science Graduate Student,
Iowa State University

SUMMARY

Seeking an opportunity to become an expert in the field of Computer Science by channelizing my technical knowledge and skills to ensure personal and professional growth and to contribute to the prosperity of the organization. Excellent teamwork skills and the ability to thrive in fast-paced environments along with 2 years of work experience in the IT industry.

SKILLS

Technical Skills

- Familiar with working in both Windows and Linux environments.
- Java
- Python
- C++
- C
- SQL
- HTML
- CSS
- JavaScript
- Microsoft Azure
- Data Structures
- Design & Analysis Of Algorithms
- Database Management Systems

Soft Skills

- Problem Solving
- Teamwork
- Leadership
- Fast-Learner
- Creativity
- Time Management
- Communication
- Attention to detail

CERTIFICATIONS

- TOEFL iBT
- GRE General Test
- Spoken Tutorial Certificate (IIT Bombay) in C.
- Spoken Tutorial Certificate (IIT Bombay) in Java.
- Spoken Tutorial Certificate (IIT Bombay) in Linux.
- Certificate Of Participation in AI Facebook Bot Workshop(IIT Hyderabad).
- NPTEL- Design & Analysis Of Algorithms (IIT Madras).
- Microsoft Certified: Azure Fundamentals.
- Microsoft Certified: Azure Data Fundamentals.

INTERESTS

- Competitive Programming
- Reading Books
- Drawing

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EDUCATION

Master Of Science (MS) in Computer Science

Iowa State University

Ames, Iowa, United States Of America

2023 - Present

Bachelor Of Technology (B. Tech) in Computer Science & Engineering

Techno Main Salt Lake

Kolkata, West Bengal, India

2017 - 2021

School

St. Stephens' School

Kolkata, West Bengal, India

2004 - 2017

WORK EXPERIENCE

Systems Engineer

Tata Consultancy Services (TCS)

2021-2023

- Trained in Microsoft Azure, and Power BI.
- Created workflows using Logic Apps in Microsoft Azure to implement the ETL process for ASDA Stores Limited.
- Analyzed previously built ETL workflows for ASDA Stores Limited to ensure they meet company standards and requirements.

PROJECTS

- **Built an ML application to detect weeds in an agricultural field.**
 - The application uses Image Processing and Machine Learning to detect whether a specific plant in an agricultural field is a weed or not.
 - Used Python programming language, Tensorflow and OpenCV libraries to build the application.
- **Built a Movie Recommendation System using Machine Learning.**
 - The system takes as input the details of movies watched by a user and then recommends movies to that user based on their preferences.
 - Used Python programming language, NumPy and Pandas libraries and Logistic Regression to build the application.
- **Created the basic Snake Game using Python.**
 - The user plays as a snake and tries to devour as many items as possible while keeping the snake from colliding with itself.
 - Used Python programming language and the pygame module of Python to build the application.