

Aditya Sambhara

South Dakota

Adityasambhara@gmail.com — 605-202-1640

Professional Summary

To work as a software engineer in a challenging environment where my skills and teamwork contribute to the goals of the organization.

Achievements and Participations

- Completed Bootcamp: **Data Visualization using Python** (Skill Lync)
- Earned certifications in Python (Basic, Core, Advanced) and Microsoft Excel
- Participated in a Workshop on **Internet of Things**

Education

Master's in Computer Science, University of South Dakota

Aug 2023 – May 2025

GPA: 3.5 / 4.0

Relevant Coursework: Data Mining, Reinforcement Learning, Machine Learning, Data Structures, Artificial Intelligence, Algorithms

Bachelor of Technology in Computer Science, PRIST University

Aug 2022

CGPA: 7.26 / 10.0

Relevant Coursework: Python Programming, Java, Machine Learning, Data Structures, AI, Algorithms

Experience

Associate Software Engineer, Lyfaux Technologies

2022 – 2023

- Reduced rendering time by 75% using predictive algorithms
- Developed metadata extraction tool for Spotlight search integration

Technical Intern, Skill Lync

2021 – 2022

- Created Visual Studio file switcher UI
- Optimized method similarity computation algorithm to $O(n \log n)$

Technical Skills

Languages: Python, Java, AngularJS

Certifications: CISSP, CCNA, Network+, Microsoft Data Analyst Associate, Oracle Java SE Programmer

Projects

Exploring the Intersection of Computer Networks, Security and Emerging Technologies

CNN Model for Optical Recognition of Handwritten Digits

Web Mining to Detect Online Spread of Terrorism

Roles

Web Developer: Built responsive and user-friendly web applications using modern front-end and back-end technologies.

Front-End Developer: Designed and developed intuitive, responsive user interfaces with modern front-end tools.

Data Engineer: Built scalable data pipelines and optimized workflows for efficient data processing and analysis.