

# SUDEEN JAIN H R

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## SUMMARY

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Aspiring and highly motivated **AI & Machine Learning Engineer** currently pursuing B.Tech at Srinivas University. Proven expertise in developing intelligent algorithms and data-driven solutions using **Python**, Machine Learning, and Data Science techniques. Skilled in Cloud Computing fundamentals (AWS and Azure) and Web Development. Seeking challenging roles to apply technical skills and passion for continuous learning in creating impactful technological advancements.

## EDUCATION

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### Srinivas University

*Bachelor of Technology (B.Tech) in Artificial Intelligence & Machine Learning*

Mukka, Mangalore

*Aug. 2023 – Expected May 2027*

## PROJECTS

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### IBM ML Recommender (Collaborative Filtering) | Python, Machine Learning

[Source Code](#)

- Developed a **Python-based Collaborative Filtering system** for item recommendation, utilizing user interaction data.
- Applied machine learning techniques to generate personalized recommendations with high accuracy.

### Game Level Difficulty Balancer | Algorithm Design, DAA

[Source Code](#)

- Optimized game difficulty progression using sophisticated **algorithmic logic** for a DAA Mini Project.
- Designed a modular system to ensure a balanced and engaging player experience across various game levels.

### Book Recommender | Advanced Java, Data Filtering

[Source Code](#)

- Engineered an advanced **Java application** capable of recommending books based on specific user preferences and rating metrics.
- Focused on robust object-oriented design and efficient data handling.

## TECHNICAL SKILLS

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**Languages:** Python, Java, JavaScript, SQL, HTML/CSS

**AI/Data Science:** Machine Learning, Artificial Intelligence, Data Science, Algorithm Design

**Cloud/Tools:** AWS Cloud, Microsoft Azure, Git, RDBMS

## CERTIFICATIONS

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**AWS Academy Cloud Foundations**

**Azure Fundamentals** (Microsoft)

*Getting Started with AI*

*Solution Architecture (Job Simulation)*