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Hello, I'm Shantanu Singh

Computer Science Student | Machine Learning Enthusiast | IoT Developer

Explore My Work

Shantanu

About

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Work Experience

Research Intern

National Institute of Technology, Patna (May 2024 - Present)

- Developed and optimized NLP models (LaBSE & BERT) to classify sexist content in tweets.
- Achieved an F1-score of 96.85% using LaBSE for multilingual model comparison.
 - Advanced social network analysis to combat online sexism.

Skills

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Highlighted Projects

Task Management App

Created a lightweight Flask application to manage tasks efficiently. Leveraged Kubernetes and Docker for easy deployment and scalability.

View Project

Personal Finance Tracker



ML Research

Conducting research on machine learning models for detecting prostate cancer under Dr. Pradeep Kumar Mallick. Key points:

- Analyzing MRI datasets for feature extraction and classification.
- Implementing and optimizing models such as Random Forest and Deep Learning frameworks.
- Working towards developing a reliable diagnostic tool to assist medical practitioners.

Positions of Responsibility

1/16/25, 1:26 PM Shantanu Singh - Portfolio

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- Organized successful free medical camps in prominent slum areas around Bhubaneswar.
- Facilitated access to basic healthcare for underserved communities.

AI/ML Member

AWS Cloud Club, KIIT

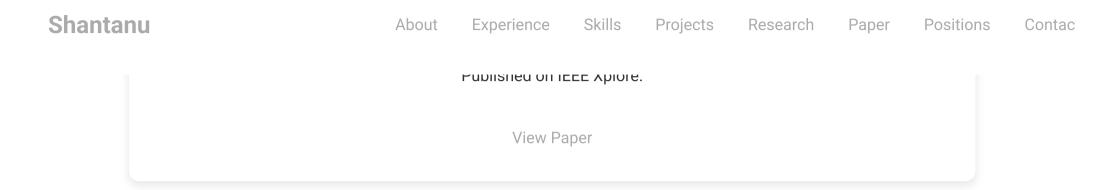
- Contributed to the AI/ML initiatives within the AWS Cloud Society, focusing on leveraging cloud technologies for innovative machine learning solutions.
- Collaborated with peers to build and deploy cloud-based ML models.

Marketing and Public Relations Member

USC.KIIT

- Promoted the community's initiatives and events to a broader audience.
- Enhanced public engagement through creative campaigns and strategic planning.

Published Paper



Contact Me

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