

# Kushagra Srivastava

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## Education

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**Indian Institute of Technology(ISM) Dhanbad**

Expected May 2027

*Bachelor of Technology in Electronics and Communication Engineering (CGPA: 7.71 / 10.00)*

*Dhanbad, Jharkhand*

- **Relevant Coursework:** Data Structures and Algorithms (C++), Prob & Stat , Digital System and circuit design

## Projects

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**Text Recognition Web App** | *HTML, CSS, React.js, Python, EasyOCR, Speller(autocorrect)*

- Implemented the EasyOCR model to extract text from the uploaded images.
- Used Speller from Autocorrect, a python library, to further improve the accuracy of the text extracted by the EasyOCR model.
- Used NLTK python library to ensure that the words are in English by comparing the extracted words, enhancing the accuracy of the model.

**ShatteredSymmetry Game** | *Unity, C Sharp, Object Oriented Programming, Game design*

- Developed the Mechanics as well as the UI, including the Menu and interactions of the game.
- Designed the levels and scripted the complete gameplay of the game.

## Technical Skills

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**Languages:** Python, C++, Java, JavaScript, HTML, CSS.

**Technologies:** React.js, Angular, Express.js, PyTorch, Node.js, Spellchecker, EasyOCR

**Concepts:** Compiler, Artificial Intelligence, Machine Learning, Neural Networks, Computer Vision, API, Database Normalization, Agile Methodology.

## Achievements

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- JEE Advanced rank 5327
- Tata Crucible Cluster Finalist
- NTSE stage 1 qualified.
- Top 1 percent in Hackfest.
- Represented IIT Dhanbad in Inter IIT tech meet for Game development.

## Social Engagements

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**Club Member:** Of Literary and Debating Club, IIT Dhanbad

**Co-ordinator :** Of Book Club, IIT Dhanbad

**Club Member:** at Animation and Game Design - tech club of IIT Dhanbad.

**Sports-Engagements:** Scrabble( Inter IIT Cultural), Debating