

Yash Badgujar

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INTERNSHIP

Automatic Crossword Generator

IIT Goa

Research Internship

Goa

- Built an automatic crossword generator during a research internship at IIT Goa.
- Implemented word placement algorithms to generate valid crossword grids.
- Handled constraint validation and edge cases to improve efficiency.

UI/UX Designer

Imagine Works

Internship

Goa

- Designed UI screens and user flows using Figma and wireframing tools.
- Worked closely with developers to ensure correct design implementation.
- Applied UX principles to improve navigation and overall user experience.

PROJECTS

Stock Market Prediction using Machine Learning

- Developed a stock price prediction model using historical time-series data.
- Implemented Linear Regression and LSTM neural network for prediction.
- Performed feature scaling and sequence generation for model training.
- Evaluated models using RMSE and accuracy metrics.

Fake News Detection (NLP)

- Built an NLP based fake news classification system.
- Performed text preprocessing and TF-IDF vectorization.
- Trained Naive Bayes and Logistic Regression classifiers.
- Evaluated using confusion matrix, accuracy, precision and recall metrics.

EDUCATION

Nirma University

M.Tech in Computer Science

2025 – Present

Ahmedabad, Gujarat

Padre Conceicao College of Engineering

BE in Computer Engineering

2018 – 2022

Goa

SKILLS

- **Programming Languages:** Python, C++, C, SQL
- **Tools:** GitHub, Docker, Figma, Wireshark
- **Machine Learning:** Machine Learning, NLP, LSTM, Linear Regression, Logistic Regression, Naive Bayes, TF-IDF
- **Databases:** PostgreSQL, MySQL