

# Himanshu jha

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## EDUCATION

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**Shri Shankaracharya Institute of Professional Management and Technology** Raipur, Chhattisgarh, India

B.Tech

2021-2025

**Maharishi Vidya Mandir**

Raipur, Chhattisgarh, India

Higher Secondary (PCM)

2021

Secondary

2019

## EXPERIENCES

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**Datcrazy LLP — Python Intern**

12/12/2023 to 12/03/2023

Raipur, Chhattisgarh

- Organizes and categorizes keywords based on their semantic or contextual similarities clusters.
- Implemented features for farmers to easily rent and purchase farming equipment. - Developed a Python program using PRAW to fetch and filter Reddit comments based on different criteria. Improved backend efficiency by streamlining comment analysis.
- Wordpress management using REST api

**Thought Applied Creations — Web Development Trainee**

26/09/2023 - 30/10/2023

Raipur, Chhattisgarh

- Portfolio Website development

**GFG Solving for India Hackathon — Backend Developer (Team Lead)**

October 2022

Raipur, Chhattisgarh

- Developed the backend of the "Agrosite" project, an e-commerce platform tailored for farmers' needs, using Django and Google Cloud. - Implemented features for farmers to easily rent and purchase farming equipment.

## PROJECTS

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**WebDevTool** / *Firebase, JavaScript, HTML, CSS*

[link](#)

- Developed a fully-functional online code editor using: JavaScript, HTML, CSS
- Integrated Firebase for seamless user authentication
- Incorporated Emmet abbreviation for enhanced code efficiency
- Streamlined the web development process for improved user experience

**Portfolio website** / *HTML, CSS, JavaScript, Firebase*

[link](#)

- Crafted a portfolio website highlighting skills, achievements, and experience.
- Utilized HTML, CSS, and JavaScript to create an interactive and visually appealing online showcase.

**ClusterAI** / *Django, HTML, CSS, Python*

[link](#)

- Cluster AI is a project that organizes and categorizes keywords based on their semantic or contextual similarities. It involves data collection, preprocessing, feature extraction, clustering. Clustering algorithms like K-means, hierarchical clustering are used to group keywords into clusters. The result is given in a CSV consisting of clusters
- Executed data preprocessing, feature extraction, and applied K-means and hierarchical clustering algorithms.
- Delivered CSV output presenting organized keyword clusters based on semantic and contextual similarities.

**Bagittoday comment and API management** / *Python, PRAW, WordPress, REST API*

[link](#)

- Developed a Python program using PRAW to fetch and filter Reddit comments.
- Integrated the transformer library for sentiment analysis, enhancing comment analysis capabilities.
- Improved backend efficiency through streamlined comment analysis processes.

**AgroSite** / *Google Cloud, Firebase, HTML, CSS*

[link](#)

- User Interface Enhancement: Crafted a compelling UI using HTML, CSS, and JavaScript, elevating the overall user experience.
- Responsive Design Implementation: Implemented responsive design principles to guarantee seamless functionality across diverse devices, catering to a broad user base.

## **ACHIEVEMENT**

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**Institute Level Winner - Solving for India Hackathon**

**Secured 2-star rating on CodeChef in Competitive Programming, Least Rank j300 in a contest.**

**Rank 1 , Institute Level Coding Competition**

## **TECHNICAL SKILLS**

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**Language:** Python, c++, Java, JavaScript

**Frameworks:** Django, REST API, PyTorch, Scikit-Learn, Wordpress

**Developer Tools:** VS Code, GIT, PyCharm,

**Libraries:** Pandas, Numpy, Matplotlib, Scikit-Learn, PyTorch

**Competitive Programming:**