

# Aakash Jha

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Passionate Full Stack Developer with hands-on experience in building and deploying scalable web applications. Proficient in React.js, Python Django, and SQL-based databases, with expertise in Responsive design, backend logic, API development, and data visualization. Strong problem-solving skills with a deep understanding of data structures and algorithms. Currently expanding expertise in Machine Learning with Scikit-Learn, aiming to build intelligent and data-driven web-applications.

## SKILLS

**Frontend** : HTML, CSS, JavaScript, Bootstrap, Tailwind CSS, React.js, Redux

**Backend & Databases** : Python-Django, PostgreSQL, MySQL, SQLite

**Data Analysis & Visualizations** : Pandas, Numpy, Matplotlib, Plotly

**Programming Languages** : Python, Java, JavaScript, C, C++

**Version Control & Others** : Git, Github, Postman and API integration

**Problem Solving** : Data Structure and Algorithms

**Current Learning Status** : Machine Learning : Scikit-Learn

## PROJECTS

### ➤ Innovation Excellence Indicator & Measurement within Institutes (SIH-2024 Project)

[**Tech Stack**: Python, Django, PostgreSQL, Pandas, Plotly, React.js, Redux, Tailwind CSS, HTML, CSS, JavaScript]

Designed and developed a **role-based portal** for students, institutes, and government authorities to assess innovation excellence in educational institutes. Enabled **bulk data collection via Excel imports**. Implemented **data analysis & visualization** for key innovation metrics, providing real-time insights through interactive dashboards. Integrated **OTP-based verification** for secure access and ensured **automated ranking & benchmarking** for performance assessment.

### ➤ Freelancing Platform

[**Tech Stack**: Python, Django, SQL, Bootstrap, HTML, CSS, JavaScript]

Developed a freelancing platform with **role-based access for clients and freelancers**. Implemented **service listings, small and big project categories, order management, real-time chat** functionality, and **user dashboards** for seamless collaboration. Integrated **email verification** for secure authentication and **real-time notifications** to enhance user experience.

### ➤ E-Commerce Platform

[**Tech Stack**: Python, Django, MySQL, Tailwind CSS, React.js, Redux, HTML, CSS, JS]

Developed a comprehensive ecommerce platform emulating Amazon's key functionalities. Implemented **secure user authentication, dynamic product listings with advanced search capabilities**, and an intuitive **shopping cart system** for seamless user experience. Designed a robust **admin dashboard** facilitating efficient **inventory management, order processing, and user administration**. Ensured a **responsive design** for optimal performance across devices, delivering a scalable solution for real-world ecommerce operations.

## ACHIEVEMENTS

- GRAND FINALIST- Smart India Hackathon( IIT Tirupati ) Level: National
- 150+ DSA Problems Solved on GeeksforGeeks.
- Finalist in many hackathons : Hacknovate, Ideathon, etc

## EDUCATION

ABES Institute Of Technology, Ghaziabad UP (AKTU)  
○ **B.Tech** (Computer Science and Engineering)

2022-26

Kendriya Vidyalaya Sangathan Delhi, CBSE

○ **Class 12<sup>th</sup>** (2022)

Percentage:**92%**

○ **Class 10<sup>th</sup>** (2020)

Percentage : **88.4%**