

# Dhruv Rajput

[LinkedIn](#) | [Github](#)

Email: [dhruvrajput757@gmail.com](mailto:dhruvrajput757@gmail.com)

Mobile: +91 9340629681

## EDUCATION

### Lakshmi Narain College of Technology, Excellence

Bachelor of Technology Computer Science and Engineering+ data science

Bhopal, India

June 2021- June 2025

### Vagad Pace Global School (CBSE board)

HSC:72%

Mumbai, India

### Delhi Public School, Bokaro

SSC: 8.6 CGPA

June 2017-March 2019

Bokaro Steel City, India

April 2016-March 2017

## SKILLS SUMMARY

- **Languages:** JavaScript, JAVA, SQL, Python, C++, Html/CSS, Node.js, React
- **MongoDB:** relationships, aggregation
- **Microsoft Excel:** Data analysis and data visualization, Data visualization dashboard, Calculation Formulas, Conditional Formulas, VLOOKUP, Pivot tables, Pivot Charts
- **Soft Skills:** Clear and effective communication skills; verbal and written, Collaborative approach, Adept at navigating change, Bias for action
- **Machine Learning:** TensorFlow, keras, Predictive Modelling, Logistic Regression, Artificial Neural Network.
- **Additional:** Git/GitHub

## WORK EXPERIENCE

### Freelance in web development and website design

Experience in website design and client relations.

Fiverr.com

December 2021-May 2022

- Developed 15 custom websites for clients, utilizing Wix and a diverse tech stack.
- Collaborated closely with clients to gather requirements and deliver tailored solutions.
- Applied design theory concepts to create visually impactful and client-appreciated websites.
- Integrated website SEO optimization, set up e-commerce functionalities, and built dynamic pages.
- Worked with international clients, including from the US, delivering high-quality projects.
- Creating sites accessible to all people, regardless of impairments
- Working with accessible title tags, heading tags, and content structure

### Content Writing Internship

Ongoing

Fidle illustrations (fidle.co)

October 2024-December 2024

- Worked as an intern at Fidle Illustration, a pitch deck creation startup, during a 2-month tenure. Applied comprehensive market research skills to inform and enhance the pitch deck creation process.
- Worked collaboratively with the team to gather pertinent market data, analyze trends, and incorporate valuable insights into compelling pitch decks.
- Demonstrated adaptability and initiative in a dynamic startup environment to support the company's objectives.

### Event Management

Organized a city-wide event and developed a website for the same.

Self-employed

September 2022-November 2024

- Led a team of 15 volunteers to organize a successful two-day fresher's event for college students.
- Gained hands-on experience in marketing, sales, and logistics through small-scale event planning.
- Designed, developed, and launched a website for the event within 4-5 hours using Wix.com.
- Integrated a payment gateway for seamless online transactions.
- Developed a complementary app to enhance the event experience.

## CERTIFICATES

### Harvard CS50: Introduction to Computer Science

EDx

January 2024- October 2024

- A broad and robust understanding of computer science and programming.
- How to think algorithmically and solve programming problems efficiently.
- Concepts like abstraction, algorithms, data structures, encapsulation, resource management, security, software engineering, and web development.

- Familiarity with several languages, including C, Python, SQL, and JavaScript plus CSS and HTML.
- How to develop and present a final programming project to your peers.

### CSS3

Infosys Springboard  
March 2024

- Completed a comprehensive CSS3 course, mastering advanced styling techniques for responsive and visually engaging web design.

### HTML-5

Infosys Springboard  
March 2024

- Completed an HTML5 course, gaining proficiency in modern web structure, semantic elements, and multimedia integration, document object models.

### Practical Html and CSS

Infosys Springboard  
February 2024

- Completed a practical HTML and CSS course, focusing on hands-on web development projects and responsive design techniques.

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## PROJECTS

### 1. Speech Emotion Recognition System

- Built a model to recognize emotion from speech using librosa and sklearn libraries
- Performed data cleaning, preparation, and augmentation.
- Used data visualization and exploration techniques like- count plots, wave plots, and spectrograms
- Performed data augmentation to enhance the model's ability to generalize
- Conducted feature extraction and used deep learning models like - RNN and LSTM
- Evaluated the accuracy of the model using a confusion matrix and classification report
- Received positive feedback from both professors and classmates on the application's intuitive user interface, robust functionality, and efficient task management capabilities.
- *Improved the accuracy of the model from 45% to 87%*

### 2. Resume Parser

- Built a parsing system to extract important information from resumes using machine learning techniques and NLP.
- Extracted raw data and performed Text-Preprocessing using 'openpyxl', 'Pyresparser', and NLTK libraries
- Implemented Feature engineering and Named entity recognition (NER)
- Exported the results to Microsoft Excel to drive easy screening and selection of candidates
- Analysed large amount of candidate data

*Improved the model efficiency by up to 80%*

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## ADDITIONAL INFORMATION

- **Interests:** Playing acoustic guitar, Sports, Literature, Photography, Riding motorbikes, Geopolitics, History.
- **Competitive Sport:** Played volleyball at state level in class 10, Ran 1500m and 800m races at state level.
- **Extra-curricular:** Team lead operations in organizing fresher's events.