

Tushar Bhatia

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EDUCATION

- Guru Gobind Singh Indraprastha University** Delhi, India
 - Bachelor of Technology - Computer Science and Engineering; GPA: 9.18* *Dec 2020 - July 2024*
 - Courses: Operating Systems, Data Structures, Analysis Of Algorithms, Artificial Intelligence, Software Engineering, Object Oriented Programming, Networking, Database Management System*

SKILLS SUMMARY

- Languages:** Python, Java, C++, JavaScript, TypeScript, SQL, HTML, CSS, Go, R
- Frameworks:** ReactJS, NextJS, TailwindCSS, RestAPI, Scikit-Learn, NLTK, TensorFlow, Keras, Django, Flask, NodeJS
- Tools:** Docker, GIT, GitHub, PostgreSQL, MySQL, MongoDB, VS-Code
- Platforms:** Linux, Web, Windows, AWS, Azure, IBM Watson Cloud
- Soft Skills:** Leadership, Problem-Solving, Event Management, Writing, Teamwork, Public Speaking, Time Management

EXPERIENCE

- IIIT Delhi** New Delhi
 - Software Research Intern* *May 2023 - July 2023*
 - Software Development:** Contributed to the development and deployment in production for advanced DL algorithms related to healthcare applications.
 - Front end Development:** Developed and deployed interactive visualization widgets for flow cytometry data, enhancing data analysis capabilities and increasing research team productivity by 40%.
 - Authentication framework:** Implemented clean and efficient code to create a token-based web authentication framework for SaaS application.
 - Team:** Collaborated with teammates to design and integrate APIs for seamless system integration, ensuring smooth interactions between different components.
 - Tech Stack:** JavaScript, TypeScript, NextJS, ReactJS, TailwindCSS, ChakraUI, MongoDB, FastAPI, Docker.
- Allsoft Solutions Pvt. Ltd.** Remote
 - Apprentice* *June 2022 - August 2022*
 - Training:** Received comprehensive training in AI technologies, including Python, OpenCV, NLP, and Deep Learning.
 - Project:** Worked on an industry-grade machine learning project, gaining hands-on experience in developing practical solutions.
 - Tech Stack:** Python, Streamlit, Sklearn, Tensorflow.
- The Sparks Foundation** Remote
 - Data Science and Analytics Intern* *Sept 2021 - Oct 2021*
 - Task:** Developed machine learning and data analytics models to extract insights and make predictions based on real-world datasets.
 - Tech Stack:** Python, Pandas, Numpy, Sklearn, Tensorflow.

PROJECTS

- Car Selling Price Predictor:** [GitHub](#)
 - About:** Built an ML-based web application utilizing Flask, HTML, and CSS to accurately predict the selling price of used cars based on user input, leveraging data structures and algorithms for efficient computation.
 - Tech Stack:** Python, Flask, HTML, CSS, Bootstrap
- Mirae.ai Web App:** [Live](#)
 - About:** Designed a frontend prototype web application during internship at IIIT Delhi.
 - Tech Stack:** NextJS, TypeScript, ChakraUI, AWS
- Car Damage Detector:** [GitHub](#)
 - About:** Implemented an ML model using TensorFlow and OpenCV to detect and classify car damage, applying deep learning techniques and algorithms for accurate identification and assessment.
 - Tech Stack:** Python, Tensorflow, OpenCV

PUBLICATIONS

- Paper: Deep Learning-Based Approach for Thyroid Dysfunction Prediction (Python, Deep Learning)** [Link](#)
Published by International Research Journal of Engineering and Technology (IRJET) in April 2023

POSITION OF RESPONSIBILITY

- Vice-Chairperson At GeeksForGeeks-Student Chapter** Delhi, India
 - Managed a team of 8 members, organized various technical events and hackathons.* *Mar 2022 - Apr 2023*

EXTRA-CURRICULAR

- Secured second place and the title of "most innovative coding project" at Sciencious Hackathon 2022.
- Participated in Flipkart Grid 4.0.