

Kushal Gupta

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Skills

- **Programming Languages:** Java, Python, React Native
- **Web Development:** HTML, CSS, JavaScript, ReactJS, Express
- **Databases:** SQL, MongoDB
- **Tools & Platforms:** NetBeans, Jupyter Notebook, Kaggle, Google Colab, VS Code, Visual Studio

Education

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|---|-------------------------------|
| • Bachelor of Science in Computer Science
<i>Mulund College of Commerce(Autonomous)</i> | 2025 – Graduated
CGPA: 9.8 |
| • Higher Secondary Education (XII)
<i>Satish Pradhan Dnyanasadhana College</i> | 2022
Percentage: 66% |

Certifications

Cyber Security (Microsoft)
Robotic Process Automation (RPA)
Advanced Cyber Security (Microsoft)
Unity Game Development
Tableau Data Visualization
Ruby on Rails

Academic Projects

- **Brain Tumor Detection and Prediction App**
 - Built a mobile app using React Native (Expo) to detect brain tumors from MRI scans with a CNN-based deep learning model.
 - Deployed the model on Hugging Face using Docker and connected it to the app via a Flask API for real-time predictions.
 - Provided early-stage diagnosis support through an intuitive and responsive mobile interface.
 - 🔗 Model: huggingface.co/Kushal2125/BrainTumorDetection
- **Fitness Tracker Website**
 - Created a responsive full-stack fitness tracking web app to log health metrics and monitor personal goals.
 - Integrated supervised learning for generating personalized diet and workout suggestions based on user data.
 - Deployed the backend APIs and ML model on Render.com for seamless user access and scalability.
 - 🔗 Live API: syntaxsquad-n7kl.onrender.com
- **Safarnama – MERN Stack Travel Booking Platform**
 - Built and deployed a full-stack travel website using MongoDB, Express.js, React.js, and Node.js.
 - Enabled users to filter and search tour packages by budget, duration, destination, and activity type.
 - Developed admin panel with JWT-based authentication to manage tour packages and verify user reviews and can embed Instagram post links to display on the frontend.
 - Integrated booking and contact forms using Nodemailer for email communication.
 - Deployed the application on Render.com
 - 🔗 Live Site

Achievements

- **1st Place – College Hackathon:** Spearheaded a team to design a responsive fitness web app using machine learning for real-time personalized health insights, focusing on user-centered design and wellness optimization.
- **Debate Champion – College Level:** Emerged as the top debater among 30+ students, demonstrating strong logical reasoning, persuasive communication, and quick analytical thinking during interdepartmental events.
- **Runner-Up – Maths Wonder:** Engineered a precision-based origami model by applying geometric and algebraic principles, highlighting strong mathematical reasoning, spatial visualization, and creativity in practical problem-solving.

Summary

Computer Science graduate with hands-on experience in full-stack web and mobile development using MERN stack and React Native. Skilled in building and deploying machine learning models via Flask APIs on Hugging Face and Render. Successfully delivered real-world projects, including end-to-end model development and deployment, with a focus on practical, user-friendly solutions.