Priyanshu Mishra

B.Tech Computer Science Student
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GitHub: https://github.com/Kerbeccs

Education

VIT Bhopal · Expected June 2026
Bachelor of Technology in Computer Science
GPA: 8.25 / 10.00

Maa Bharti Sr. Secondary School
Higher Secondary (CBSE), Percentage: 78%

Swaraj India Public School
Matriculation (ICSE), Percentage: 92%

Technical Skills

- **Languages:** C++, Python, Dart
- **Technologies:** Django, TensorFlow, Matplotlib, NumPy, Pandas, Keras, MySQL, Flutter, Firebase
- **Concepts:** OOPs, Machine Learning, Deep Neural Networks, Hyperparameter Tuning, Database Normalization, Quantum Gates, Shor's Algorithm, Grover's Algorithm, Higher Order Mathematics

Experience

Full-stack Developer Intern · Jan 2025 – Apr 2025
DR. Rajnish Chaudhary, VIT Bhopal

- Developed doctor appointment management system with secure authentication, real-time booking, and dynamic report handling.
- Implemented patient wait time estimation algorithms using mean and standard deviation.
- Engineered responsive UI enhancing patient and doctor experience.
- Integrated Razorpay payments and Firebase Cloud Storage for file management.

Projects

Find Your Man
Technologies: HTML, CSS, Django, MySQL

- Redesigned project deliverables, improving visuals and functionality.
- Reduced feedback cycles by 40% and increased stakeholder satisfaction.
- Implemented student DBMS normalized to 3NF.

TCP Server
Technologies: Python, Django

- Developed multi-threaded TCP server handling multiple clients with graceful shutdown.

Captionage
Technologies: Python, TensorFlow, Keras, Jupyter, RNN, CNN, NumPy

- Engineered real-time image captioning model, improving speed by 30%.
- Deployed in two applications, increasing engagement by 25%.
- Used VGG16 for feature extraction on Flickr dataset; 95% train / 5% test split.

Achievements

- Coursera Certifications:
  - Neural Networks
  - Bytes and Byte
  - Improving Deep Neural Networks (Hyperparameter Tuning, Regularization)
- NPTEL: Silver Medal in Cloud Computing course.
- LeetCode: 1600 rating; 200+ questions solved.
- DSA Competition: 4th place in Intra VIT Bhopal coding contest.