



Prabhat Kumar Shah

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Computer Science and Engineering

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EDUCATION

- University Institute of Technology Barkatullah, Bhopal** 2025
B.Tech, Computer Science and Engineering CGPA: 7.15
- Govt. Excellence H. S. School Waidhan, Singrauli (M.P.)** 2019
Class-12th, Madhya Pradesh Board of Secondary Education Percentage: 86.6
- Govt. Excellence H. S. School Waidhan, Singrauli (M.P.)** 2017
Class-10th, Madhya Pradesh Board of Secondary Education Percentage: 88.16

EXPERIENCE

- Chegg India Pvt. Ltd.** Sep-2022 to Sep-2023
Subject Matter Expert Remote Work
 - Tutored and mentored students on the Chegg platform, successfully addressing over 250 complex questions in Computer Science subject within just 1 year.
 - Demonstrated expertise as a tutor expert by delivering comprehensive solutions and guidance to students across a range of computer science topics.
 - Made a significant impact on their academic growth by providing valuable assistance and fostering their understanding of complex subjects.

PERSONAL PROJECTS

- Pathological Image Classification** July 2023 - November 2023
Blockchain and Cloud-Assisted Secure Deep Feature Classification Framework for Pathology Images
 - Leveraged technologies such as Blockchain, Deep Learning Frameworks, Cloud Computing Platforms (Google Colab, IPFS), and MetaMask
 - Created a seamless workflow for transmitting pathological images using smart contracts and Metamask to Pinata and IPFS.
 - Employed sophisticated deep learning models (CNN, VGG16, MobileNet) for retrieving and classifying the images.
 - Implemented an efficient process for accurate image classification and analysis.
 - Focused on the "BreakHis 400X" dataset for breast cancer classification, demonstrating a successful methodology to determine cancer presence.
- Arduino Project** October 2022 - December 2022
Anti sleep alarm for drivers
 - Designed and implemented an IoT model using Arduino UNO to detect and alert driver drowsiness or sleepiness.
 - Used an eye blink sensor, a buzzer, and an LED to measure and signal the driver's eye blink frequency and duration.
 - Programmed the Arduino UNO board with C language to process the sensor data and trigger the alarm system.
 - Tested and evaluated the system's performance and accuracy using serial monitor and various scenarios.

TECHNICAL SKILLS AND INTERESTS

Languages: C/C++, Python, HTML, CSS, Solidity

Developer Tools: VS Code, GitHub, Google Colab

Frameworks: React, NodeJs

Cloud/Databases: Pinata, Smart Contracts

Soft Skills: Leadership, Teamwork, Discipline, Observation skills

Areas of Interest: Blockchain Technology, Web Development

ACHIEVEMENTS

- 4-star HackerRank C/C++ Certificate
- Tutoring Certificate
- LeetCode Certificate
- NCC Certificate