



## Prabhat Kumar Shah

Roll No.: 2282300212

Computer Science and Engineering

B. Tech

University Institute of Technology Barkatullah, Bhopal

+91-6265058210

prabhatbucsel@gmail.com

Portfolio

Prabhat12112002

prabhat1211

### EDUCATION

#### •University Institute of Technology Barkatullah, Bhopal

B. Tech, Computer Science and Engineering

October 2021 – June 2025

CGPA: 7.85

#### •Govt. Excellence H. S. School Waidhan, Singrauli (M.P.)

Class-12th, Madhya Pradesh Board of Secondary Education

June 2018 – May 2019

Percentage: 86.6

### EXPERIENCE

#### •Chegg India Pvt. Ltd. | [Certificate](#)

Subject Matter Expert

September 2022 – September 2023

Remote

- 1.Solved 400+ technical questions in C/C++, Python, SQL, HTML, CSS, JavaScript, Data Structure and Algorithms with 90%+ accuracy.
- 2.Reviewed and optimized 100+ solutions, ensuring 100% quality and clarity for global learners.
- 3.Enhanced learning for 1,000+ students by providing clear, step-by-step solutions in C++, and SQL.

### PROJECTS

#### •Pathological Image Classification | [GitHub](#) | [Google Colab](#) | [PPT](#)

Blockchain and Cloud-Assisted Secure Deep Feature Classification Framework for Pathology Images

September 2024 – February 2025

- 1.Utilized 4 key technologies: Blockchain, Deep Learning Frameworks, Cloud Computing Platforms (including Google Colab and IPFS), and MetaMask.
- 2.Conceptualized a seamless workflow for transmitting pathological images using smart contracts and Metamask to Pinata and IPFS.
- 3.Employed sophisticated deep learning models (CNN, VGG16, MobileNet) for retrieving and classifying the images.
- 4.Implemented an efficient and robust image classification and analysis process, ensuring accurate and reliable results in medical pathology with 80% efficiency.
- 5.Analyzed the "BreakHis 400X" dataset, achieving accurate breast cancer classification results.

#### •Crypto Curious | [Live](#) | [GitHub Repository](#)

React, Tailwind

February 2024 – April 2024

- 1.Built a cryptocurrency dashboard tracking 1,000+ cryptocurrencies with responsive Tailwind CSS design.
- 2.Integrated 5 key features: real-time price updates, volume tracking, search filters, interactive charts, and market analytics.
- 3.Boosted user productivity by 25% with advanced search filters for trending cryptocurrencies.
- 4.Delivered 100% accurate real-time data for reliable insights across all levels of cryptocurrency expertise.

### TECHNICAL SKILLS AND INTERESTS

- **Languages:** C/C++, SQL, Python, HTML, CSS, Solidity, JavaScript
- **Developer Tools:** VS Code, GitHub, Google Colab, MySQL
- **Frameworks:** React
- **Cloud/Databases:** Pinata, Smart Contracts
- **Design:** Low-Level Design (LLD)
- **Coursework:** Data Structures, Operating System, Database Management System, Computer Network
- **Areas of Interest:** Data Analytics, Software Development, Web Development

### CERTIFICATIONS

1. **LeetCode:** Solved 350+ coding problems, in Data Structures and Algorithms, and SQL. [Profile](#)
2. **4-Star in C/C++:** Earned a 4-star rating on HackerRank by solving 100+ coding challenges. [Profile](#)
3. **Google AI Jam Tier 1:** Completed a 30-day AI study program by GDSC. [Certificate](#)
4. **Leadership:** Commanded 50+ cadets as NCC Commander. [Certificate](#)