Harshal Bhagat

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Profile

Full-stack developer and Computer Science Engineering student with expertise in MERN stack, DSA, and proven experience leading technical communities. Seeking software development opportunities to leverage technical skills in building innovative solutions while contributing to impactful projects by being an asset for your team.

Skills

Programming Languages: C++, C, JavaScript	**Tools:** Git, Github, Figma, Linux
Web Development: React.js, Tailwind CSS, Node.js, Express.js	**Courses:** DSA, DAA, OS, ML
Database: MySQL, MongoDB	**SoftSkills:** Leadership, Communication, Team Management

Experience

General Secretary - Network BIT (Computer Engineering Dept.(BITW))   Oct 2023 - Sept 2023
- Facilitated engaging sessions on Data Structures and Algorithms (DSA), along with comprehensive web development training that enabled more than 70 students to build robust projects by semester's end.
- Streamlined student forum operations, increasing participation in coding and development activities

Google Developer Student Club - GDSC BITW   Aug 2023 - Sept 2024
- Created engaging content to foster innovation collaboration within the community.
- Initiated a strategic outreach by publishing 5+ insightful articles on **Medium**, resulting in a 40% increase in community engagement and expanding GDSC BITW's audience reach to **over 350 readers**.

Newton School Coding Club - NSCC   Aug 2022 - Sept 2023
- As a content lead for NSCC BITW, managed a team of **six** members, focused on **innovation**, **collaboration**, and delivering high-quality materials to drive the community's growth and engagement.
- Executed a content strategy by publishing **5+** well-researched articles on **Medium**, boosting community engagement by **40%** and growing the audience to **200+** readers.

Projects

Placement Preparation Module (MongoDB, Express.js, React.js, Node.js)   Oct 2024 - Ongoing
- **Building a structured roadmap** that covers **6+ core programming concepts** to **guide users** based on **skill levels**.
- **Integrating a Data Structures module** with **20+ examples**, practical applications, and **detailed explanations** to enhance learning efficiency.
- **Designing user-friendly cheat sheets** with **concise summaries** to improve **content accessibility** and boost **user retention** by **25%**.

Automated Attendance System using Face Recognition (Python, OpenCV, Yagmail)   Feb 2024 - June 2024
- **Developed a comprehensive attendance system** leveraging **Python and OpenCV**, using **LBPH face recognition** to identify individuals with **over 85% accuracy**.
- **Implemented functionalities** to **capture images**, **train models**, and **record attendance data** in **real-time**, ensuring **accurate** and **efficient tracking** of attendance records.
- **Enhanced system usability** with **email automation** for attendance reports using **Yagmail** and ensured **robust user interaction** through a streamlined **menu-driven interface**.

Online Campus Recruitment System (SQL, HTML, CSS, JavaScript)   Aug 2023 - Oct 2023
- **Designed a scalable SQL database schema** to **store and manage 500+ user profiles, job postings, and applications**.
- **Developed a responsive frontend interface** using **HTML, CSS, and JavaScript**, **improving user experience** and engagement.
- **Enhanced system performance** by **optimizing database queries**, reducing **response times**.

Education

College - Bajaj Institute of Technology, Wardha	**Course -** B.Tech in Computer Science & Engineering
University - Dr. Babasaheb Ambedkar Technological University	**Year -** Aug 2021 - Jun 2025
School (12th) - Kendriya Vidyalaya Bambolim Camp, Goa	**Board -** CBSE **Year -** 2021
School (10th) - Kendriya Vidyalaya Bambolim Camp, Goa	**Board -** CBSE **Year -** 2019

Certifications and Achievements

AWS Academy Cloud Foundation and Introduction to Cloud (Semesters 1 and 2)
- Completed foundational cloud computing knowledge with a focus on AWS services and best practices.

Deloitte Technology Virtual Experience Program
- Completed Deloitte Technology Virtual Experience Program focusing on Coding, Data Analysis, Cyber Security, and Forensic Technology.

Ranked 5th in College on GeeksforGeeks and Solved 300+ Questions on LeetCode
- Strong skills in solving complex problems and a solid foundation in competitive programming, with experience in developing efficient and accurate solutions.