

SAHIL OBHRAI

Roorkee, Uttarakhand | P: +91 9759765324 | sahilobhrai19@gmail.com | [LinkedIn](#) | [GitHub](#)

EDUCATION

GRAPHIC ERA DEEMED UNIVERSITY

Bachelor of Technology

Major in Computer Science: Specialization in Data Science & Artificial Intelligence

Cumulative GPA: 8.93/10.0.

Relevant Coursework: Software Engineering; Data Science, Operating Systems; Algorithms; Artificial Intelligence

Dehradun, Uttarakhand

Expected July 2023

DELHI PUBLIC SCHOOL

Science stream: PCM & CS

Roorkee, Uttarakhand

April 2018 - April 2019

WORK EXPERIENCE

ADSHERE

Software Development Intern

Remote, IND

July 2022 – Oct 2022

- Led a team in revamping of PHP/SQL-based e-commerce website, resulting in a 40% increase in website speed.
- Established a more efficient SQL database schema, reducing query execution time by 15%, enhancing scalability.
- Structured a real-time algorithm using PHP and SQL to accurately reduce patient wait times by 60%.

VIKASH TECH

Software Development Intern

Remote, IND

July 2022 – Oct 2022

- Created a PHP and MySQL employee and factory management system that optimized HR and production processes, leading to a 35% productivity boost.
- Developed a sales and purchase module that tracks inventory and manages orders, reducing paperwork by 75%.
- Successfully conducted thorough functionality tests with over 100 users, reporting no major issues and demonstrating its robustness.

UNSCHOOL

Artificial Intelligence Intern

Remote, IND

April 2022 – June 2022

- Collaborated with data scientists to develop accurate predictive models, leading to a significant improvement in marketing and retention and a 20% increase in sales.
- Enacted deep learning to develop chatbots and virtual assistants resulting in 25% faster customer response time and 30% improved customer experience.

UNIVERSITY PROJECTS

SOCIAL MEDIA APPLICATION

Feb 2022

- Initiated and implemented real time social media application using HTML, CSS, PHP, SQL & JavaScript.
- Built server-side scripts using PHP to handle user authentication, authorization, and data management of up to 1000 users.
- Applied security measures, such as input validation, SQL injection prevention, and cross-site scripting protection, resulting in a 50% drop in security breaches and a 75% decrease in cyber-attacks.

AI BASED FACIAL RECOGNITION ATTENDANCE SYSTEM

Oct 2021

- Analysed and created the system using Python, OpenCV, Deep Learning, and other relevant tools and technologies.
- Integrated the system with a database to track attendance and generate reports for HR and management saving 80% time.
- Utilized highly accurate face recognition algorithms for real-time identification and authentication of individuals with a 98% success rate.

ADDITIONAL

Technical Skills: Advanced in SQL, PHP, JavaScript, HTML/CSS; Proficient in C++, React, Azure, AWS, Python, Data Science, Machine Learning, Git, Wordpress. MongoDB, Node.js.

Languages: Fluent in English, Hindi.

Certifications & Training: Microsoft Certified Azure AI (2020), IBM Certified Data Scientist (2022), AWS Solutions Architect Associate (2021), Full Stack Development (2022), Front End Web UI Frameworks and tools(2022). Meta Front End Developer (2023)