# SAHIL MANGAL

Morar, Gwalior, Madhya Pradesh

#### Education

## Maulana Azad National Institute of Technology, Bhopal

Bachelor of Technology in Chemical Engineering

Percentage: 83.0

Greenwood Public School, Gwalior

2021-2022

**CGPA**: 6.9

2022 - Present

Greenwood Public School, Gwalior

Class 10th

Percentage: 85.6 2019-2020

## Experience

Class 12th

Wizmeet (Startup)

May 2024 - June 2024

Social Media Manager

- Bhopal, Madhya Pradesh
- Collaborated with Teams: Worked closely with design and marketing teams to create cohesive campaigns that supported product launches and promotions.
- Automated Post Scheduling: Utilized tools like Hootsuite and Buffer to schedule posts, ensuring consistent brand presence and freeing time for strategic tasks.
- Explored Emerging Trends: Researched social media trends and implemented innovative approaches to engage target audiences effectively.

#### Forethought India

May 2022 – June 2022

Data Analysis Intern

Bhopal, Madhya Pradesh

- Streamlined Data Validation Workflows: Designed and implemented automated scripts to validate data quality, ensuring that only accurate and complete records were included in analysis.
- Built Report Automation Systems: Used Python and Excel macros to generate and distribute daily/weekly reports to stakeholders, reducing manual reporting efforts.
- Leveraged SQL for Data Analysis: Wrote complex SQL queries to extract actionable insights from large datasets, reducing analysis time.

## **Projects**

Ink & Pixel | HTML, CSS, JavaScript

- Utilized best SEO practices to improve visibility and search engine ranking for the portfolio website.
- Designed a visually engaging user interface with CSS animations, Flexbox, and Grid for a seamless browsing experience..
- Ensured cross-device compatibility by building a fully responsive design that adapts to desktops, tablets, and mobile screens.

#### Gifify-Instant-GIF-Search-Share | HTML, CSS, JavaScript

- Created a dynamic GIF search engine with JavaScript, HTML, and CSS that integrates APIs to allow for real-time GIF search and presentation.
- Input validation and security checks were put in place to guarantee correct query format and improve user experience.
- Improved load times for smooth interaction and included asynchronous API calls to optimize GIF retrieval performance.

#### Official E-Mail Address | Java, OOPS, Java Collection Framework

- Utilized Java for backend development, ensuring robust and secure code architecture
- Implemented email validation and password strength checks to ensure compliance with company security policies
- Integrated SMTP protocol for automatic email delivery of temporary credentials to new users

# **Technical Skills**

 ${\bf Languages:\ Python,\ Java,\ C,\ HTML/CSS,\ JavaScript,\ SQL}$ 

Designing Software: Adobe Illustrator, Adobe Photoshop, Canva

Technologies/Frameworks: GitHub, WordPress

# Leadership / Extracurricular

## **Chemical Engineering Students Association**

Spring 2024 – Present

Deputy Secretary

MANIT, Bhopal

\* Leadership and Coordination: Spearheaded initiatives to engage chemical engineering students through workshops, seminars, and interactive sessions.