ROHIT SHAW

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GitHub: https://github.com/RohitShaw2003 | **Portfolio:** https://github.com/RohitShaw2003/Rohit_Portfolio

PROFILE SUMMARY

- Enthusiastic **IT student** eager to apply and expand **technical skills** in a team setting.
- Committed to gaining **practical experience** and staying updated with emerging technologies
- **Strong problem-solving abilities**, effective communication, teamwork skills and delivering **complex projects**
- Experienced in **analyzing** user needs and crafting effective, **centric solutions.**
- **Developed complex projects** with real-world applications, managing all stages from concept to **deployment.**
- Proficient in **IoT devices** with a track record of building widely usable **projects**.

ACADEMIC DETAILS

- Pursuing **B.Tech** 3rd Year in **Information Technology (IT)** from **Narula Institute of Technology**   (Ongoing) (Autonomous Institute Under MAKAUT).
- Passed Higher Secondary Examination with 76% from **Rose Bank Edu – Care High School**   (Pass out 2021) (ISC Board).
- Passed Secondary Examination with 65% from **Monalisa English School** (ICSE Board).   (Pass out 2019)

SKILLS

- **C**
- **Java**
- **Data Structures and Algorithms**
- **JavaScript**

- **HTML**
- **CSS**
- **React JS**
- **Node JS**

- **Express.js**
- **MySQL**
- **PostgreSQL**
- **MongoDB**

- **GitHub**
- **Git**
- **MERN**

INTERNSHIPS

Full Stack Web Developer
Techplement   MAY 2024 – June 2024

Online Doctor Appointment and Patient Management Web Application
Tools: HTML, CSS, MERN Stack, JavaScript, Bootstrap, Visual Studio Code (VS Code)
Our **project** aims to develop a comprehensive **web application** that streamlines the process of **booking appointments** with doctors and **managing patien**t interactions within a **hospital** or **healthcare facility**.
Responsibilities:

- Designed and developed a dashboard in **React JS** and **Express.js** for booking **doctor appointments, maintaining patient records, and viewing doctor profiles.**
- Planned and **designed** the system, programmed using **VS Code**, and developed the backend with **Node.j**s and **MongoDB** for authentication, appointment management, **database implementation**, and telemedicine integration.
- Tested the system with unit testing, **fixed bugs**, and **deployed the application**.

Daily Quote Website
Tools: HTML, CSS, JavaScript, API
This **website** provides daily quotes with the author's name, allows users to **search quotes by author**, integrates directly with **Google search**, and enables direct uploading of **quotes to Twitter**.
Responsibilities:

- Designed and developed a dashboard in **HTML** and **CSS**, allowing users to get new quotes by refreshing the website or clicking a **new quote button**.

- Planned and designed the system, programmed using **VS Code**, and developed the backend with **JavaScript** and APIs for searching and linking with a pre-built **API for Google search** and displaying **new quotes**.
- Tested the system with unit testing, **fixed bugs**, and **deployed the application**.

Associate Software Engineer   MAY 2023 – AUGUST 2023
Skolar

Menu Driven API For Solving Data Structures and Algorithm

Tools: C Language, Data Structure and Algorithm

This API addresses a range of **data structure** and algorithm challenges, offering efficient **solutions** to improve **problem-solving** skills and enhance the API's performance by **40%**.

Responsibilities:

- Planned and developed an API in **VS Code** to facilitate solving various data structure algorithms using the **C programming language**.

Associate Neo Docto Intern   JANUARY 2024 – FEBRUARY 2024
Neo Docto

Digital Marketing Internship

Tools: Microsoft Excel, ChatGPT, Power Automate, Gen AI

- As an intern, I streamlined **MS Excel** operations with shortcuts and utilized **ChatGPT** for **prompt assistance**.
- I implemented Power Automate for product listing and task management using **AnyDesk**, earning a grade **A internship completion certificate**.

ACADEMIC PROJECTS

- **Drowsiness Driver Detection System**
  Tools: OpenCV, Dlib, Pygame, Cmake, Image Processing, Image labelling, Imutils, IDLE, Python, Scipy, Convolution Neural Network (CNN), Artificial Intelligence, Deep Learning.
  In this **project**, we developed software using Python libraries to **detect driver drowsiness**, enhancing road safety by triggering an **alarm** with 70% more **accuracy** and **increasing API speed** by **30%**.
- **Mask Detection System**
  Tools: Python, Google Colab
  In this **project**, we developed software using Python libraries to **detect** whether a person is wearing a mask, aiming to mitigate the spread of viruses with **90% accuracy** and millisecond **API response time**.
- **Weather Checking APP**
  Tools: Java, API
  In this **project**, we developed software using **Java** and a pre-built API to detect upcoming weather via **Google** search, providing next-day weather predictions with **70% accuracy** based on **real-world** weather conditions.
- **Published a research paper based on 5G Mobile Technology**
  A look At the Opportunity and Recent Challenges under **International Journal for Research Trends and Innovation (IJRTI).**

CERTIFICATES

- Successfully completed "**AWS Fundamentals: Building Serverless Applications**" course from **AWS**.
- Successfully completed "**C for Everyone Structured Programming**" course from **University of California**, Santa Cruz in **Coursera**.
- Successfully completed "**Problem Solving Using Computational Thinking**" course from **University of Michigan** in **Coursera**.
- Successfully completed "**Writing Skills for Engineering Leaders**" course from **Rice University** in **Coursera**.
- Accomplished a **typing certificate** with a typing speed of 22 WPM and an accuracy of 99% from "**typing.com**".

SOFT SKILLS

Analytical thinking | Teamwork and collaboration |Adaptability | Time management | Leadership