# **NAQUIYA ASGHAR**

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ACADEMIC QUALIFICATION					
2019- 2023	BS-CS	Institute of Business Administration	CGPA: 3.50		
2019	A Level	Privately	Grades: 1B, 2Cs		
2017	O Level	The City School, Girls Campus, North Nazimabad	Grades: 3A*s   5As   1Bs		

LANGUAGES AND FRAMEWORKS      Java     Cascading Style Sheets (CSS)     R Programming Language  TOOLS	<ul><li>JavaScript</li><li>HTML5</li><li>Bootstrap</li></ul>	<ul><li>Flutter</li><li>Node JS</li><li>Cloud Firestore</li></ul>	<ul> <li>ReactJS</li> <li>Python</li> <li>Oracle Database</li> <li>Mongo DB</li> </ul>
Microsoft Office Administrator     Microsoft Power Apps	<ul><li>Jira</li><li>Power BI</li></ul>	KNIME     Tableau	• Figma

## **ACADEMIC PROJECTS**

# • E-commerce Hub – React Web Application

Created an e-commerce website using Nodejs for REST APIs at backend and did state-management using React hooks on the frontend. For CRUD operations, the data was retrieved and stored in MongoDB atlas. Defined user roles and attained security through JWT access and refresh tokens.

## Skin Scan App

Developed a one-stop solution in the form of a fully functional mobile app using Flutter to take proper care of skin depending on the skin type. Used Firebase as the database to store and retrieve data on the frontend.

# • IBA Admission Portal – Power Apps

Developed a fully functional admission portal for IBA with Microsoft Power Apps Platform. Data was stored and retrieved in SharePoint lists. The app used Power Automate flows to send emails and messages to users.

### • H-1B Visa Application Analysis Report

Using Data Mining concepts, performed Binary Classification on H-1B program dataset to formulate a report. Carried out data preprocessing and model building efficiently on Python and understood its' implementation for real-world problems.

### • Criminal Database Management System

Implemented Database concepts to create a management system that stored and fetched criminal details, witness, and victim details as well as FIR details by making use of Oracle Database for backend and Java for frontend.

#### inCredibles

Developed a Software Requirement Specification Report and paper/ digital prototypes for a desktop and mobile based Online Credible Seller Application using Software Engineering and Design Patterns' concepts.

### Other Projects

- Game Palace Desktop App Java Application using Sorting Algorithms and Data Structures such as Stacks, Linked Lists and Graphs.
- Health App A Desktop App which was created using OOP concepts to maintain good health.
- Engro Energy Recruitment Report Detailed report highlighting recruitment processes of Engro and its impact on processes during pandemic.

WORK EXPERIENCE				
Intern at Tapal Tea (Private Limited)				
Performed for 6 weeks as an Information Services intern to have an overall idea of the	June 2022 – July 2022			
networking and information services' processes and functions at Tapal.				
Social Intern at Aitebar Foundation				
• Contributed for 3 weeks as a Content Writer to produce articles on social topics to create awareness on first aid, and importance of public transport. Extended thought-provoking messages to the masses. Worked 3 weeks as a Corporate Associate to assist in gathering funds for several projects amidst the pandemic.	July 2020 – August 2020			
<ul> <li>Content Writer at Creative Content Writing</li> <li>Freelance writer for affiliate marketing and product research articles for foreign clients.</li> </ul>	December 2021 – Present			

### EXTRA CURRICULAR ACTIVITIES

# Assistant Director Corporate Affair at IBA Mathematika V (IBA Maths and Astronomy Club)

• Assisted in acquiring sponsorship from Eden College and Meritorious College for the event.

# Management Team Security/Operations & Campus Drives at IBA Leadership Conference 2020

Conducted campus drives at several institutes to market the event.

### Management Team Corporate Affairs Satrangi (IBA Community Welfare Society)

• Conducted cold calls to acquire sponsorships for the event.