

# AFFAN SYED

## SUMMARY

WEB DEVELOPER WITH EXPERTISE IN FRONT-END AND BACK-END DEVELOPMENT , EXPERIENCED IN BUILDING CROSS PLATFORM APPLICATION

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## SKILLS

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<b>Programming :</b>	PYTHON , JAVASCRIPT
<b>Databases :</b>	MONGODB , SQL
<b>Visualization :</b>	POWER BI , MS EXCEL
<b>Frontend-Development :</b>	HTML , CSS , REACT , JQUERY , BOOTSTRAP , TAILWIND CSS
<b>Backend-Development :</b>	NODE.JS , EXPRESS.JS
<b>CMS &amp; E-COMMERCE:</b>	WORDPRESS (CUSTOM THEMES & PLUGINS), SHOPIFY (LIQUID, THEME CUSTOMIZATION)

## PROFESSIONAL EXPERIENCE

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### Bilim Technologies Pvt Ltd

**Web Developer / UI/UX Designer |**

**Jan 2024 – July 2024**

- DEVELOPED AND MAINTAINED **10+ WEBSITES**, IMPROVING **CLIENT ENGAGEMENT BY 30%** THROUGH OPTIMIZED UI/UX.
- IMPLEMENTED **DYNAMIC WEB APPLICATIONS** USING PYTHON AND SQL, ENSURING **EFFICIENT DATA RETRIEVAL**.
- DESIGNED **RESPONSIVE UIs** USING FIGMA, OPTIMIZING CROSS-DEVICE COMPATIBILITY.
- APPLIED **DATA STRUCTURES AND ALGORITHMS** TO ENHANCE WEBSITE PERFORMANCE.

### Silhouttez Technologies Pvt Ltd (*Contract*)

**Python Developer|**

**Oct 2023 – Dec 2023**

- BUILT A CUSTOM **WORDPRESS WEBSITE WITH SQL-DRIVEN PLUGINS**, ENHANCING DATABASE EFFICIENCY.
- MANAGED SQL DATABASES, ENSURING **DATA INTEGRITY AND REDUCING QUERY RESPONSE TIME BY 20%**.
- DEVELOPED **BACKEND SCRIPTS IN PYTHON** TO AUTOMATE DATA PROCESSING TASKS.

### Qualsoft Pvt Ltd, ( *Internship* )

**Web Developer |**

**June 2023 – Oct 2023**

- COLLABORATED WITH DESIGNERS AND BACK-END DEVELOPERS TO CREATE **RESPONSIVE WEB APPLICATIONS**.
- OPTIMIZED APPLICATIONS FOR SPEED, **REDUCING PAGE LOAD TIME BY 25%**.

- UTILIZED **REDUX FOR STATE MANAGEMENT** IN REACT-BASED APPLICATIONS, ENSURING CROSS-BROWSER COMPATIBILITY.
- DEVELOPED **SQL QUERIES FOR DATA PROCESSING**, IMPROVING **DATA RETRIEVAL EFFICIENCY**

## PROJECTS

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### Hospital Management System

- DEVELOPED A HOSPITAL MANAGEMENT SYSTEM USING REACT FOR THE FRONTEND, EXPRESS FOR THE BACKEND, AND MYSQL FOR EFFICIENT DATA MANAGEMENT, STREAMLINING PATIENT AND STAFF OPERATIONS.

**TECH STACK :** REACT , CSS, BOOTSTRAP , EXPRESS.JS, NODE.JS , MYSQL , POSTMAN (API TESTING)

### Chat Application

- DEVELOPED A REAL-TIME CHAT APPLICATION WITH REACT AND MATERIAL UI FOR THE FRONTEND, SOCKET.IO FOR INSTANT MESSAGING, AND NODE.JS WITH MONGODB FOR USER AUTHENTICATION AND CHAT HISTORY STORAGE.

**TECH STACK :** REACT, MATERIAL UI , NODE.JS, EXPRESS.JS , MONGODB , SOCKET.IO , POSTMAN

### Amazon Sales Data Analysis

- DESIGNED AND OPTIMIZED A DATABASE FOR SALES DATA ACROSS THREE AMAZON BRANCHES, ENABLING EFFICIENT DATA RETRIEVAL.
- CONDUCTED **IN-DEPTH SALES ANALYSIS**, IDENTIFYING HIGH-PERFORMING PRODUCT LINES AND PEAK SALES PERIODS.
- **EXTRACTED CUSTOMER INSIGHTS**, LEADING TO POTENTIAL STRATEGIES FOR INCREASING REVENUE AND RETENTION.
- AUTOMATED DATA PROCESSING AND VISUALIZATION, IMPROVING BUSINESS DECISION-MAKING.

### OTP VERIFICATION SYSTEM (*PYTHON PROJECT*)

- DEVELOPED A SECURE OTP-BASED AUTHENTICATION SYSTEM USING PYTHON, GENERATING AND VERIFYING ONE-TIME PASSWORDS (OTPs) FOR EMAIL-BASED USER AUTHENTICATION.
- IMPLEMENTED **RANDOM OTP GENERATION**, EMAIL DELIVERY SIMULATION, AND VALIDATION LOGIC WITH ERROR HANDLING.
- ENSURED **SECURE INPUT HANDLING AND RETRY MECHANISMS**, IMPROVING SYSTEM RELIABILITY.
- WROTE TEST CASES TO VALIDATE OTP VERIFICATION UNDER DIFFERENT SCENARIOS.
- OPTIONAL: BUILT A **SIMPLE GUI INTERFACE** FOR AN ENHANCED USER EXPERIENCE (IF APPLICABLE).

## EDUCATION

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### Bachelor of Technology (BATU)

COMPUTER SCIENCE  
DR. BABA SAHEB TECHNICAL UNIVERSITY

GRADUATION YEAR: 2022

### Diploma in Computer Science (*MSBTE*)

COMPUTER SCIENCE  
MGM'S POLYTECHNIC

GRADUATION YEAR: 2019