

Shadmani Shaikh

UI Developer

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EDUCATION

Bachelor of Engineering in Computer Engineering

University of Mumbai

2015 – 2019

Mumbai, India

PROFESSIONAL EXPERIENCE

Tata Consultancy Services Ltd

UI Developer

2021 – present

Mumbai, India

- Lead a team of 4 and redesigned a 3-tier enterprise web application in MEAN Stack using Angular Material UI
- Conducted user research, created wireframes and prototypes in Figma
- Performed usability testing and improved user experience design, resulting in 62% increased web traffic and user engagement
- Received 'Young Achievers Award' for implemented work

Tableau Developer

2020 – 2021

Mumbai, India

- Designed, implemented & maintained interactive dashboards in Tableau for the accounting team
- Prepared accounting reports using various data visualization and data modeling techniques
- Used stored procedures, views and alerts to provide structured data from millions of data rows from 12+ data sources
- Worked and collaborated with cross-functional agile teams to develop an ETL solution for improving efficiency of data warehouse
- Trained junior BI developers

Business Intelligence Analyst

2019 – 2020

Mumbai, India

- Developed 50+ ETL packages for data cleansing, integration, transformation and incremental loads in the data warehouse using Microsoft SSIS/SSRS for key migration
- Used SQL Server and SSRS to create & schedule 30+ accounting reports
- Built 600+ pipelines & data workflows on Azure Data Factory to move on-prem data to Azure Data Lake Gen2 Storage decreasing ETL runtimes by 25%
- Monitored & provided support for production issues
- Received 'On the Spot' Award for record-time project delivery

ACADEMIC PROJECTS

PsychAt - Depression Detection using Image Processing and Speech Analysis

Python, HTML, CSS, JS, OpenCV, Haar Cascades

- Developed an ML system that detects disruptive emotions in students and attempts to diagnose depression using audio & video feed
- Obtained a cumulative scale using self-reported PHQ-9 score and system score for optimal accuracy
- Designed and built front-end using HTML, CSS and JavaScript
- Awarded with 'Best Final Year Project' by the department and received a full score grade

Staff Attendance Management System for CS Dept

HTML, CSS, Bootstrap, JavaScript, Python

- Designed and built a secure web portal for online attendance management for faculty and staff of CS Department
- Created in collaboration with Head of Department and Supervisor of Computer Society of India (CSI) college committee
- Recognized and awarded by professors for work done

Online Voting Portal

HTML, CSS, Bootstrap, JavaScript, Python

- Took initiative to create a software to establish a standardized voting process during student elections in college
- Provided a secure web application for fair voting and an accompanying portal to view results
- Improved efficiency of collecting votes overall by 50%

NON-ACADEMIC PROJECTS

Covid-19 Tracker

ReactJS, HTML, CSS, JavaScript, Material UI

- Designed a Covid-19 dashboard for tracking countrywise active, recovered and death statistics worldwide
- Integrated Disease.sh API to fetch live reported covid data
- Implemented LeafletJS - a graphical interactive map for data visualization

Allcoolstuff - An Ecommerce Store (Freelance)

HTML, CSS, JavaScript, Bootstrap

- Designed and developed a responsive e-commerce website for selling quirky stationery items
- Leveraged CMS to manage and update inventory of items
- Created as a freelance project for a local business

Adventure Trails - A Web App for Scheduling Treks

HTML, CSS, JavaScript, Bootstrap, Python, MySQL

- Designed and developed a responsive web application for finding upcoming nature treks and hiking trips
- Developed a login system that allows users to schedule and sign up for treks
- Connected the application to a database and hosted it on a local apache server

SKILLS

Programming & Scripting (Python, R, JavaScript, HTML, CSS, PHP, Java)

Databases (Microsoft SQL Server, PL/SQL, SSIS, SSRS, Microsoft Azure Data Factory, MongoDB)

Frameworks (Angular, ReactJS, NodeJS, Express.js, REST, Flask, Bootstrap)

Design (Figma, Adobe XD, Adobe Photoshop) | **Styling** (CSS Grids & Flexbox, SCSS)

Other (Tableau, Excel, Git, DevOps)

CERTIFICATIONS

Foundations of User Experience (UX) Design  | IBM Enterprise Design Thinking Practitioner 

Microsoft Certified Azure Fundamentals  | Microsoft Technology Associate: Security Fundamentals 

AWARDS

Young Achiever's Award

Tata Consultancy Services

On the Spot Award

Tata Consultancy Services

LANGUAGES

English | Hindi | Marathi | Urdu