Shadmani Shaikh
Full Stack Developer

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EDUCATION

Bachelor of Engineering in Computer Engineering   2015 – 2019
Rizvi College of Engineering | CGPA: 7.9 / 10   Mumbai, India

PROFESSIONAL EXPERIENCE

Tata Consultancy Services Ltd

Full Stack Developer   2021 – present
- Built a 3-tier enterprise web & mobile application in MEAN Stack (MongoDB, Express.js, Angular, NodeJS) and Angular Material UI
- Built Express.js APIs for displaying hundreds of search results by implementing filtering, sorting, searching & pagination
- Leveraged JSON Web Tokens to prevent unauthorized access; Integrated CRUD operations over MongoDB

Mumbai, India

Web Developer   2020 – 2021
- Developed & launched an enterprise web & mobile application
- Responsible for developing & testing the main feature of application using Forms module
- Collaborated across cross-functional agile teams
- Integrated HTTP API calls to fetch backend data

Mumbai, India

UI Designer & Developer   2020 – 2021
- Took initiative to redesign an existing web application
- Led a team of 4 to revamp application in Angular 8; tested application for security vulnerabilities
- Conducted user research, created wireframes, redesigned using Material UI
- Improved design using data to increase user engagement & web traffic by 77%
- Received 'Young Achievers Award' for work done

Mumbai, India

Data Engineer   Jun 2019 – Dec 2019
- Developed ETL routines & SQL procedures to transform huge volumes of data into master data
- Created 600+ pipelines & data workflows on Azure Data Factory to move on-prem data to Azure Data Lake Gen2 Storage; scheduled, monitored & fixed production issues on Azure Data Factory
- Used SQL Server, SSIS and SSRS to create & schedule accounting reports
- Received 'On the Spot' Award for record-time project delivery

Mumbai, India

ACADEMIC PROJECTS

PsychAt - Depression Detection using Image Processing and Speech Analysis
Python, HTML, CSS, JS, OpenCV, Haar Cascades, pyAudioAnalysis
- 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
- Provided a well-documented report and received a full score for the project

Staff Attendance Management System for CS Dept

HTML, CSS, Bootstrap, JavaScript, PHP

- 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, PHP

- 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 OpenStreetMap - 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, PHP, 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 *(JavaScript, HTML, CSS, PHP, Python, Java, C++)*

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

Databases *(MySQL, SSMS, SSRS, MongoDB, Microsoft Azure)*

Design *(Figma, Adobe XD, Adobe Photoshop, Marvel, AutoCAD)* | **Styling** *(CSS Grids & Flexbox, Sass)*

Other *(Git, DevOps)*

CERTIFICATIONS

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

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 | Beginner in Japanese and Spanish