MUNIRA TASHRIFWALA

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Website – https://muniratashrifwala.github.io/

EDUCATION

S. M. Shetty College	Powai, Mumbai	*Jul'17 - May'20*
Bachelor of Science in Information Technology	CGPA - *9.37/10*
Tolani College of Commerce	Andheri, Mumbai	*March '17*
Higher Secondary School Certificate	*82.77 %*
St. John The Evangelist High School	Andheri, Mumbai	*March '15*
Secondary School Certificate	*84.80 %*

SKILLS

Languages and Database: C, C++, C#, Java, JavaScript, Python, HTML5, CSS3, SQL, .NET.
IDE: Apache Cordova, Turbo C++, Visual Studio, Visual Code, Cisco Packet Tracer, NetBeans.
Frameworks: jQuery, Node.js, React JS, .NET, Bootstrap, Angular9, LARAVEL.
Coursework: Data Structures, Object oriented Programming, Web Programming, Software Engineering, Operating Systems, Python Programming, Enterprise Java, Database Management Systems, Microprocessor Architecture, Digital Electronics, Imperative Programming, Mobile Programming, Computer Graphics, Internet of Things, Artificial Intelligence.

WORK EXPERIENCE

Tata Consultancy Services, *Software Developer* | Thane, Mumbai   *Aug'20 – Present*
- Worked as a Full Stack Developer on Angular JS technology
- Carried out detailed analysis to understand requirements, scheduled the code and processed them.
- Monitored the codes and made changes as per the technical specifications.
- Performed unit testing as the test plans and created test cases.
- Reviewed key engagements to refine and update solutions based on feedback from existing engagement.

Indian Institute of Technology, *IoT Software Engineer* | IIT Bombay, Mumbai   *Jan'21 – Mar'21*
- Worked on a project based on Machine Health Monitoring System.
- Implemented Raspberry Pi 4 with Accelerometer sensor and ESP32 for extracting data from the machine.
- Used Machine Learning Algorithm to run Datasets in order to test the health of Machines based on vibrations.
- Created a web application to accept input and display machine details to the user.

Portal Computainment, *Backend Developer Intern* | Charni Road, Mumbai   *Mar'20 – Apr'20*
- Developed the Backend API for a Website Builder Tool using MVC architecture.
- Developed a front end project in Angular8 as per the manager's requirements.
- This was implemented using LARAVEL, Postman, PHP and Routing.
- Conduct daily meetings online, debug errors and complete documentation

Perfect Marketplace, *Web Developer Intern* | Ghatkopar, Mumbai   *Aug'19 - Oct'19*
- Developed the frontend an e-commerce website that assists user's browsing experience to buy and sell virtual real estate.
- Experience working in Agile environment, leading a team of 4 people to complete the task in time.
- This was implemented using HTML5, CSS3, JavaScript, Node.JS and React JS.
- Conduct weekly meetings, debug errors and complete documentation.

PROJECTS

Farm Automation and Monitoring System (ESP8266, DHT11, LDR, Moisture Sensor, HTTP, HTML, CSS, AJAX, JSON)
- Designed & Developed a solution to automate the process of farming using C and Python languages in Arduino Uno.
- Displayed farm's *temperature, humidity, sunlight and moisture sensor* readings using a Wi-Fi module.
- Developed a Web GUI to display the data received from the sensors into the website.
- Arduino Uno is based on Real Time and it sends and receives data from the farm to the users.
- The project helped the owners of the farm to look after their crops without physically being present.

Machine Health Monitoring System (Accelerometer sensor, Raspberry Pi 4, ESP32)   *Jan 2021*
- Worked on a project based on Machine Health Monitoring System.
- Implemented Raspberry Pi 4 with Accelerometer sensor and ESP32 for extracting data from the machine.
- Used Machine Learning Algorithm and ran Datasets to test the health of Machines based on vibrations.

Water Level Detector (C, Transistor)   *Dec 2017 - Apr 2018*
- Developed an LED indicator to represent the water level in the tank.
- Along with the rise of the water level, there were three LEDs placed at each level.
- When the water hit that particular level, the LED light would glow.
- Integrated a system to alert the user with a buzzer sound when the water level reached maximum.
- The buzzer would notify the person that the tank has been filled up and the tap can be closed.
- This project was made in order to save water and avoid wastage.

CERTIFICATION COURSES

- **Oracle Certification** (MySQL) from Seed Infotech
- **C language** (Online Course)
- **.Net Certification Course** from Seed Infotech
- **MongoDB** with Node and Express (Online Course)
- **Raspberry Pi** from Udemy (Online Course)
- **Javascript Essentials Certification** from Udemy (Online Course)

ACTIVITIES

- **Rotaract Club of Mumbai Ghatkopar (RCMG)**:
    - **International Service Director** of RCMG.   *Jul '17 - Jun '19*
    - **Joint Secretary** of RCMG.   *Jul '19 - Jun '20*
  Visited Bhabha Atomic Research Centre (BARC) & Indian Navy Warship (Destroyer). Organized World skill day, Blood donation camp, Cleanliness Drive, Installation ceremony, and more.
- **S. K. Somaiya Degree College of Arts, Science And Commerce**:
  Clubs Involved: Maker Mela (**Public Relations**), TECHNO Club, TechXposure (**Associate PR Head - 1 year**), Cultural Forum, Mantrana (**Digital Marketing Head - 1 year**), Idea Club (**Communication Head - 1 year**).
- **Recognitions**:
    - **1st Rank** in First Year of BSc IT in the entire college & Division Representative.
    - **2nd Rank** in Third Year of BSc IT in the entire college.
    - **3rd Rank** in Second Year of BSc IT in the entire college.
    - 1st Position in Group Discussion, Personality Contest and PowerPoint Presentation (Inter-Collegiate)
    - Best Speaker awarded for Debate Competition (Matrana - Public Speaking Club)
- **Member** of DLLE (Department of Lifelong Learning and Extension)   *July 2019 - Jul 2020*
- **Languages known**: English, Hindi, Gujarati, Urdu, Arabic and Marathi.
- **Hobbies**: Calligraphy, Poem writing, Mehendi, Making YouTube Videos, Photography, Cycling, Chess and Badminton.