

Mitul Dhing

Undergraduate Student

Final-year B.Tech. CSE (IoT & IS) student with expertise in IoT Automation, Web Dev, and ML/DL domains. Skilled in developing scalable backend and full-stack applications, as well as training & optimizing ML/DL models, using technologies like React (TS), C#/.NET, Python, and SQL. HackerRank 5-star Python and Problem-Solving coder. Proven ability to reduce project timelines by 25% with a strong track record in team-driven projects.

EDUCATION

Schooling

M.D.S. Sr. Sec. School

05/2019 - 04/2021

Udaipur

- Completed 11th and 12th with core subjects as PCM

Undergraduation

Manipal University Jaipur

10/2021 - 07/2025

Jaipur

- Currently pursuing B. Tech. CSE with Specialization in (IoT & IS)

WORK EXPERIENCE

Internship

Techon Dater Systems Pvt. Ltd.

06/2023 - 08/2023

It is a technology-focused company which aims to deliver customized and efficient software solutions as per specific business requirements of the client.

Projects/Tasks

- HTML | CSS | Bootstrap | Responsiveness | Replicating HTML & CSS based templates | Making the website responsive | VS Code Editor
- ReactJS | Typescript | Designing and building a login page having multiple input fields | Applying validations for various input fields
- OAuth | Implementing authorization in website during login and logout | Designing of gauge for industrial project using Sync-fusion

Trainee

Techon Dater Systems Pvt. Ltd.

07/2024 - 03/2025

It is a technology-focused company which aims to deliver customized and efficient software solutions as per specific business requirements of the client.

Projects/Tasks

- .NET | Scaffolding DB | Connection of DB through EF Core (ORM) | CRUD Operation | Windows Forms | Windows Services | LINQ
- Visual Studio 2022 | Asynchronous processing of PostgreSQL data | Deploying a service | Multi-Logging & data storage simultaneously
- ASP.NET | API data fetch | Configuring of Windows Service through frontend (React + MUI) | IIS Manager & Server | Creating application pool with admin privileges on IIS Manager | Publish data on MQTT
- MVC Architecture | API Development & Testing | Swagger | GitHub | Git | Postman | Modbus Configuration | Modbus master & slave

CO-CURRICULARS

IEEE Sensors Council, MUJ - Treasurer (12/2022 - 05/2023)

Managed financial operations for one of the college's most prominent chapters present worldwide. Organized and hosted 2 major & 2 minor technical events.

ENACTUS, MUJ - Managing Director (07/2023 - 04/2024)

Led a team of student volunteers in a prominent international organization spearheading social impact projects and fostering entrepreneurial spirit among the student body. Organized and hosted 2 major and 3 minor non-tech events.

ACHIEVEMENTS

SIH 2023 Finalist & Runner Up (10/2023 - 12/2023)

Finalist - SIH, 2023 for the problem statement under Ministry of Roads & Transport Contributed in a team of 5 members

mituldhing@gmail.com ✉

+ 91 94687 11021 📞

Udaipur, Rajasthan, India 📍

linkedin.com/in/mitul-dhing-2b5125233 🌐

SKILLS

Problem Solving

Time Management

C/C++

Python

Team Work

.NET

SQL

IoT Automation

EF Core

ML/DL Models

ReactJS (TS)

ASP.NET

LINQ

ORM

OOPS

Git/GitHub

Leadership

HTML/CSS

REST API

PERSONAL PROJECTS

Basic IoT Projects using Arduino (09/2022 - 04/2023)

- Developed and implemented basic IoT projects utilizing various sensors and modules like Temperature, Soil Moisture & Humidity, Water Level, Seven Segment Display, IR and Motion Sensor, LDR sensor, Ultrasonic Sensor, etc.

Hotel Management with Integrated Food Ordering based RDBMS project using MySQL (03/2023 - 04/2023)

- Developed Relational Database based hotel management system with functionalities including user login, food selection with a menu interface, a shopping cart for order management, secure payment processing and automated bill generation.

AIML based Face Identification Project using Python (08/2023 - 09/2023)

- Developed a real-time face recognition system using OpenCV and Cascade Classifiers that utilizes webcam input to identify individuals. This project has applications in attendance systems, access control, and security monitoring.

Smart Door Lock and Attendance System using Arduino (Research) (09/2023 - Present)

- Developing an intermediate level IoT project using Arduino UNO and IDE to create a multi-level access control system. It utilizes fingerprint, 16x2 LED display & 4x4 keypad to authenticate users and provide different access modes for admin and non-admin entry & exit.
- Applied for Research Paper submission and Patent filing.

IoT based Greenhouse Automation Project using Python (Research) (02/2024 - Present)

- Developing an intermediate-level IoT project using Raspberry Pi that utilizes various sensors to monitor environmental conditions, RFID, camera and solenoid lock automation. The project implements a WSN for real-time data transfer, enabling efficient data exchange and pre-processing for analysis.

LSTM based Fake News Detection (03/2024 - Present)

- Developing a backend model to predict the authenticity of news articles. The model utilizes various data sets including training, testing, and submission data for robust training and evaluation. The model is trained on a dataset of multi-lingual model requiring advanced training techniques.

CERTIFICATES

Take Charge of Your Time by Ankur Warikoo (05/2022 - 06/2022)

Ethical Hacking Essentials by EC Council on Coursera (11/2023 - 11/2023)

Introduction to Cybersecurity, Cybersecurity Essentials by Cisco (04/2024 - 05/2024)

ITN, SRWE and Enterprise by Cisco (04/2024 - 05/2024)

PCAP Python by Cisco (04/2024 - 05/2024)

SalesForce Developer by Smart Internz (07/2024 - 08/2024)

LANGUAGES

Hindi
Native or Bilingual
Proficiency

English
Full Professional
Proficiency

German
Elementary
Proficiency