

Mruganshi Gohel

Final Year | Computer Science and Engineering | IIT Jodhpur
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EDUCATION

IIT JODHPUR

B.TECH IN CSE

May 2024 | Jodhpur, India
CGPA: 7.21 / 10 | Upto 6th sem

PV MODI SCHOOL

Class 12 | HSC

May 2020 | Rajkot, India
Percentage: 85.6

Class 10 | SSC

May 2018 | Rajkot, India
Percentage: 97.5

SKILLS

LANGUAGES

Proficient:

• C • C++ • Python • Java

Familiar:

• HTML/CSS • JavaScript • Kotlin
• Java • Verilog

DEVELOPMENT

• ReactJS • Bootstrap • Firebase
• SQL • Git • AdobeXD

OTHER SKILLS

• Competitive Programming
• Problem Solving
• App Development
• Data Analytics

LINKS

Github:// [mruganshi](#)

Codechef:// [gg_1234](#)

Codeforces:// [NotANerd](#)

LinkedIn:// [Mruganshi Gohel](#)

COURSEWORK

UNDERGRADUATE

• Data Structures and Algorithms
• Software Engineering
• Database Systems • Cybersecurity
• Computer Networks
• Operating Systems
• Maths for Computing
• Pattern Recognition and Machine Learning

MOOC

• Object Oriented Programming
• Full-Stack Web Development

EXPERIENCE

MAQ SOFTWARE | ASSOCIATE SOFTWARE ENGINEER SUMMER INTERNSHIP

May 2023 - Present

- Analyse and Pre-process Big data sets and Designed **Power BI reports** from scratch and work on **optimizing the performance** of the report by creating appropriate DAX statements and reducing loadtime.
- Worked with **Microsoft Azure Technologies and Agile Methodologies**.
- **Data Modelling and processing** using Microsoft Azure, Data Fabric and Databricks.
- Tech-stack: **SQL, Power BI, Microsoft Azure Technologies, Data Fabric**

PROJECTS

SENSEEDGE | MOBILE AND PERVASIVE COMPUTING - COURSE PROJECT

January 2023 - May 2023 | [Github](#)

- Developed a **Sensors-based Multi-activity Annotator App**
- Designed to record **Accelerometer and Gyroscope data** while performing various activities. Users are allowed to **add activities dynamically**, record the sensor data while performing the activity, **annotate it with the corresponding activity name** and can also visualize it in **form of graphs**.
- Tech-stack: **Java, Sensor APIs, XML, Android SDK**

NFTVERSE - A NFT MARKETPLACE SELF PROJECT

May 2023 - July 2023 | [Github](#)

- Developed an **interactive NFT Marketplace** with **React and Motoko**, enabling users to explore diverse NFT collections, **purchase** NFTs using the **CSP token** as a payment method, **mint** their own NFTs, and **list** NFTs for sale.
- Integrated the **CSP token wallet** seamlessly into the NFT marketplace, facilitating secure and efficient transactions for buying and selling NFTs within the platform.
- Implemented robust **Smart Contract logic** in Motoko to ensure the integrity and security of the CSP token.
- Tech-stack: **ReactJS, Motoko, Blockchain, Web3, Javascript NodeJS, HTML, CSS**

HEART FAILURE PREDICTION | PRML - MAJOR PROJECT

March 2022 - May 2022 | [Github](#)

- Developed a **Machine Learning** Prediction model to build the best model for correctly **predicting heart failure**.
- Trained the model with **various classifiers** different classifiers after applying **dimensionality reduction techniques** with hyperparameter tuning.
- Tech-stack: **Python, Pandas, NumPy, Matplotlib, sklearn**

ACHIEVEMENTS

- Solved **800+** problems on **Leetcode, Geeksforgeeks, Codechef and Codeforces**
- **Codechef**: Peak rating of **1810 (4 star)**
- **Codeforces**: Peak rating of **1386 (Pupil)** on Codeforces
- **JEE-ADV 2020** Among top 1.2 percentile of 100k Applicants
- **SSC** Ranked **1st in all Gujarat**

EXTRACURRICULAR

- **Core Member** of **Programming Club**, IIT Jodhpur.
- **Senior Executive** of **CSE Society**, IIT Jodhpur.