

# MOHAMMED SHAFIN

ASPIRING COMPUTER SCIENCE ENGINEER

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## Education

**University Institute of Engineering Technology, Panjab University**

**Nov. 2020 – Aug 2024**

*Bachelor of Engineering in Computer Science*

*Chandigarh, India*

- CGPA 8.54 till 5th semester

**SGGS Collegiate Public School Sector 26**

**May. 2018**

*12th class Non Medical*

*Chandigarh, India*

- 90.8 Percentage

## Projects

**Social Media Application** | *Html, Scss, Javascript, Bootstrap, React, Redux, Nodejs* **December 2022 - February 2023**

- A social media Web App developed using Nodejs, Express, MongoDB as backend and Html, Scss, Javascript, React, Redux and Bootstrap for frontend.
- Used server-side rendering using EJS template and implemented MVC architecture to build the app.
- Designed different collections in databases like users, posts, follows and applied complex database operations like MongoDB lookup, etc.
- Integrated Json Web Token, bCrypt frameworks for Authentication.  
[Source Code](#)

**N-Queens Visualiser, Shortest-Path Finder** | *HTML, CSS, Javascript*

**August 2022 - September 2022**

- Developed a web app to demonstrate how backtracking helps in solving N-Queens problem, where we need to place N queens in NXN Board so that no two queens are attacking each other. [Visit](#) [Source Code](#)
- Developed a web app to demonstrate how Dijkstra's Algorithm helps in finding out shortest path between source node and destination node. [Visit](#) [Source Code](#)

**Sensor-Fault-Detection** | *Python, ML, EDA, MongoDB, Pipeline, AWS, Docker*

**May 2023 - June 2023**

- Goal is to automate the process of finding faulty sensors in wafers so as to cut manual labor cost and increase productivity.
- Employs bulk Prediction method. Created a machine learning model employing the best algorithm having highest accuracy for prediction.
- Automated the whole EDA process by implementing the concept of training and prediction pipeline.
- [Source Code](#)

## Skill Summary

**Languages:** Java, C++, C, Python, HTML, Sass, JavaScript

**Frameworks and Databases:** React, Node, Express, MongoDB, JWT, Redux

**Developer Tools:** VS code, Eclipse, Netbeans, Postman, Github, Insomnia

## Certifications

**Data Science Training** | *Organization : Ineuron.ai/Pwskills*

**January 2023 - Present**

- Created multiple machine learning models both based on supervised and unsupervised algorithms.
- Contributed my source code for diamond price prediction, and the other sensor fault detection project.

**MERN Stack Training** | *Organization : Coding Shuttles*

**November 2022 - January 2023**

- Worked on a Social Media Application and an Ecommerce Web Application. [Certificate](#)

**JAVA with DSA** | *Organization : Coding Blocks*

**May 2022 - November 2022**

- Solved numerous DSA problems and worked as a Teaching Assistant for 2 Months. [Certificate](#)

## Achievements

- Pupil on Codeforces with max rating - 1201
- Among top 11.4% of all active LeetCode users with a maximum rating of 1716.
- Obtained a Global Rank of 1638 out of 15664 participants in LeetCode BiWeekly Contest 92.
- Obtained a Global Rank of 3731 out of 10810 participants in Codeforces Round 866(Div2)
- Solved 1000+ Algorithm problems across platforms like GeeksForGeeks, Leetcode and Codeforces.
- Qualified GATE 2023 with an All India Rank 5843 and Gate Score 420.
- JEE Mains All India Rank 20861, JEE Advance All India Rank 20710.