THAKUR TANMAY RAJ SINGH

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EDUCATION

Keshav Memorial Institute of Technology   **B.Tech. in ECE**
CGPA: 7.7   *Expected: July 2022*

Narayana Junior College   **Intermediate in MPC**
Score: 98%   *May 2018*

PROJECTS

Book Description Web App | *Angular, Node JS, TypeScript, JavaScript*   **Source Code**
- Built an angular web app that provides description of books by fetching data from json-server.
- Implemented Single-page application behaviour, reactive and template-driven form support and validation.

Footwear Inventory Management | *Node JS, Bootstrap, JavaScript*   **Source Code**
- Built a responsive UI using Bootstrap to display the footwear collection details of a user.
- Implemented CRUD functionalities in the UI and processed the data using Node JS and MongoDB in the back-end.

Patient Monitoring using Web Sockets | *Java, Java Servlets, Tomcat*   **Source Code**
- Built a portal for doctors, ambulance drivers and patients using Java Servlets.
- Implemented real-time notification and communication functionality among the portals using web sockets.

Flight Booking Web App | *Python, Django, SQLite*   **Source Code**
- Built a Django-based web app to let registered passengers book a flight from the list of available flights.
- Implemented object-oriented programming practices to create instances of passengers, airports, and flights.

POSITION OF RESPONSIBILITY

kMITRA e-Magazine   **kMITRA**
Web Developer, Technical Mentor   *January 2019 - Present*
- Implemented a multi-site network for hosting a new blog under the same domain.
- Improved search visibility by 50% by fixing bugs, and mentored junior developers.

TECHNICAL SKILLS

Languages: C++, Java, Python, C, HTML/CSS, JavaScript, SQL
Database: PostgreSQL, MongoDB
Tools/Frameworks: Data Structures, Algorithms, Git, Bootstrap, Angular, Django

CERTIFICATIONS

- Google IT Support Specialization
- Angular
- Bootstrap
- Neural Networks

CODING PROFILES

- Solved 500+ questions on Leetcode.   View Profile
- 5-star coder at Hackerrank.   View Profile

PUBLICATIONS

GeeksForGeeks   **May 2020**
Author, Contributor   *View Articles*
- Authored 3 articles covering the code and concepts of Golang on GeeksForGeeks.
- Improved articles of other authors by fixing bugs in the code and increasing readability.