THAKUR TANMAY RAJ SINGH

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EDUCATION

Keshav Memorial Institute of Technology	**B.Tech. in ECE**
GPA: 7.9	*June 2018 - Present*

Narayana Junior College	**Intermediate in MPC**
Score: 98%	*June 2016 – May 2018*

PROJECTS

Book Description Web App | *Angular, Node JS, Typescript, JavaScript* **May 2021**
- 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.

Patient Monitoring using Web Sockets | *Java, Java Servlets, Tomcat* **June 2021**
- 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.

Footwear Collection Management | *Node JS, Bootstrap, JavaScript, MongoDB* **April 2021**
- 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.

Internet Issue Registration Bot | *Node JS, Google DialogFlow, JavaScript, MongoDB* **February 2021**
- Developed a chatbot using Google DialogFlow to allow registered users to lodge complaints regarding internet issues.
- Processed the complaints using Node JS for generating trouble tickets and stored them using MongoDB.

Flight Booking Web App | *Python, Django, SQLite* **January 2021**
- 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 SEO visibility by 50%, fixed front-end, back-end 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, WordPress, Bootstrap, Django, Angular

CERTIFICATIONS

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

PUBLICATIONS

GeeksForGeeks	**May 2020**
Author, Contributor	*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.