SYED INAYATH

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About

Software developer who is proficient in **Python** and **JavaScript**.

Education

East West College of Engineering, Bangalore, India
- Bachelor of Engineering (B.E.) in Computer Engineering

Narayana Pre-University College, Bangalore, India
- PUC in Physics, Chemistry, Mathematics, and Computer Science (PCMC)

Skills

- **Languages**: Python, C, SQL (MySQL, PostgreSQL, MongoDB).
- **Web Technologies**: HTML, CSS, JavaScript, and React JS.
- **Tools and Platforms**: Visual Studio Code, Unity, GitHub, Illustrator, Photoshop, and MS Office.
- **Frameworks**: Node.js, Express.js, Django, and Bootstrap.

Experience

Social Point | Discord Server Moderator | April 2021 – September 2021
- Successfully increased event completion efficiency by **90%** by monitoring in-game tasks using **Excel**.
- Helped the moderating team manage the server with over **100k+** members.

Zetacoding Innovative Solutions | Internship | September 2022 – November 2022
- Upgraded my expertise in **HTML, CSS,** and **Django** during my internship.
- Developed a Blood Bank Management project with **12% CSS** and **13% HTML** for design and layout.
- Django was used for 75% of the backend functionality for user interactions.

Projects

[Link] Ecommerce Website: MERN Stack Development

Technology Used: HTML, CSS, JavaScript, React.js, Node.js, Express.js, MongoDB
- Used **HTML, CSS**, and **React.js** to design product displays, admin panel, and user interfaces.
- Data processing and API integration were handled using **Node.js** and **Express.js** at the **backend**.
- **MongoDB** was integrated to securely store user and product data. Developed features like **add-to-cart**, **remove-from-cart**, **sign-up**, and **login** options, as well as an **admin panel** to list or add products.

[Link] Traffic Density Prediction: Predictive Analysis

Technology Used: Python, Streamlit, Google Maps API, Pandas, XGBoost
- Created a user interface with **Streamlit** to accept input for the starting point, destination, date and time.
- Utilized the **Google Maps API** to retrieve real-time traffic data and directions between two locations.
- **Pandas** is used to handle and preprocess the retrieved data from the **Google Maps API** into **CSV** files.
- **XGBoost** is used to train a machine learning model that predicts traffic delays using past traffic data.

Certifications

- In-depth **Python** training program by **IIT Bombay.**
- Certificate of **Full-Stack Web Development** by **Angela Yu.**
- Certificate of Internship in **Python Web Development** by **Zetacoding Innovative Solutions.**
- Certificate of **React Bootcamp** by **Maximilian Schwarzmuller.**