Shaikh Saad Ali

sk.saad3621@gmail.com | +919311526609

LINKEDIN | GITHUB | LEETCODE

EDUCATION

JAMIA HAMDARD   Jul 2019 - Jul 2023
B.TECH. COMPUTER SCIENCE ENGINEERING   New Delhi
CGPA: 7.69

HAMDARD PUBLIC SCHOOL   2019
XII (CBSE) SCIENCE (NON-MEDICAL)   New Delhi
Percentage: 86%

TPS   2017
X (CBSE)   New Delhi
CGPA: 9.4

EXPERIENCE

CODING SAATHI | WEB DEVELOPMENT INTERN   Remote | Sep 2023 – Present

- **Elevated Web Skills:** Enhanced web development and design prowess through practical application and proactive collaboration with the Coding Saathi team.
- **Diligent Task Execution:** Demonstrated strong responsibility by meticulously completing assignments, adhering to instructions and contributing to project success.
- **Interactive Learning:** Actively engaged with peers and mentors on Discord for knowledge sharing, fostering a dynamic and rewarding internship experience.

FREELANCER | PYTHON DEVELOPER   Remote | Jan 2023 – Jun 2023

- Developed a highly scalable and secure Web Scraping Application as a Python Developer freelancer, automating data gathering and analysis for a recent client.
- Improved the time taken to scrape information from websites by implementing asynchronous programming, reducing the total time by 60% compared to normal web scraping.
- **Technologies Used** : Python (Async I/O), Flask, Pandas.

SKILLS

PROGRAMMING LANGUAGES	C++, Python, Java, Data Structures, HTML, CSS, JavaScript
LIBRARIES/FRAMEWORKS	Flask, Django, RESTful API, Flask Restful, Django REST framework, Bootstrap, PyQt5, PySide2, TensorFlow, Scikit-learn, BeautifulSoup, NumPy, Pandas, Matplotlib, Seaborn
TOOLS / PLATFORMS	Git, Docker, Qt Creator, Kaggle, Python Anywhere, Qt Designer
DATABASES	MySQL, SQL, SQLite, MongoDB, PostgreSQL

PROJECTS / OPEN-SOURCE

HEALTHCARE APPOINTMENT SCHEDULER | LINK   Django, MySQL, Google Calendar API

- Created a responsive medical blog website using a Django as back-end framework, with user authentication for patients and doctors, allowing doctors to publish blogs, patients to schedule appointments and with secure hosting.
- Implemented Google API for event creation within the scheduling system of the website, enabling seamless appointment scheduling and management.
- Implemented the MVT (Model-View-Template) design pattern, enabling various function that vary depending on type of user.

IMAGINATION A DJANGO PROJECT | Link   Django, SQLite, HTML, CSS

- Created Imagination, a fully mobile-responsive live website hosted on PythonAnywhere, serving as a blogging site for poems.
- Implemented the MVT (Model-View-Template) design pattern, enabling user login, comment functionality, categories and general CRUD operations.

TWIZZER TWITTER EMOTION ANALYZER GUI | Link   Python, Qt Creator, PySide2, Kaggle, LSTM, TensorFlow, SkLearn

- Led a collaborative team in developing Twizzer, a user-friendly application with a Graphical User Interface (GUI) that accurately predicts emotions in real-time from sentences, achieving an impressive accuracy of 88%.
- Supervised and managed task assignments between team members and was responsible for training the deep learning model and creating the GUI for the project.
- Implemented LSTM model trained on a Twitter dataset with 4.5 million samples from Kaggle, including Sentiment140 and Twitter Sentiment Analysis Dataset.

FLASK CRUD API USING MONGODB | Link   Flask, MongoDB, Docker, Postman and GitHub

- Developed a Flask app for MongoDB CRUD operations.
- Created a Flask application enabling CRUD operations on MongoDB data.
- Designed RESTful API endpoints for user management and seamlessly integrated MongoDB for data storage. Docker containerization ensured consistent deployment across environments.

CERTIFICATIONS

- Software Engineering Virtual Experience - JPMorgan
- Prepare Data for Exploration - Google
- Alpha (DSA with Java) Course Completion Certificate - APNA COLLEGE
- Blockchain and its Applications - NPTEL
- Advanced CPP Training - Spoken Tutorial at IIT Bombay
- PYTHON PROGRAMMING - Spoken Tutorial Project at IIT Bombay

HONORS & AWARDS

- **LeetCode Enthusiast** : A dedicated problem solver, I consistently participated in LeetCode contests, enhancing my problem-solving skills under time constraints and achieving a peak rating of 1540.
- **Algorithmic Proficiency** : Successfully conquered over 170 LeetCode questions and numerous challenges on various other coding platforms, demonstrating a relentless commitment to mastering complex algorithms.
- **Team Collaboration Leader** : Spearheaded collaborative teams of aspiring developers, orchestrating seamless task management and fostering teamwork for the successful execution of diverse projects.