Divyasri Naraharisetti

📞 +1-352-999-0578 ✉ d.naraharisetti15@gmail.com 🔗 divyasri-naraharisetti ⭘ divyasrinaraharisetti

Education

University of Florida. **Aug 2022 – May 2024**
Master of Science in Computer Science *GPA: 3.72/4*
- **Coursework:** Advanced Data Structures, Analysis of Algorithm, Computer Networks, Cloud Computing, Machine Learning, Distributed Operating System Principles, Penetration Testing–Ethical Hacking, Emerging Computing Concepts.

Motilal Nehru National Institute of Technology **Aug 2018 – May 2022**
Bachelors of Technology in Electronics and Communication Engineering *GPA: 8.8/10*

Technical Skills

Programming Languages: Python, JavaScript (ES6), C/C++, SQL, Java(Basic), MATLAB.
Web Technologies: Node JS, React, Redux, Django, Flask, MySQL, Next JS, Express JS, HTML5, CSS, Tailwind CSS.
Database/ Cloud: Kubernetes, Docker, MongoDB, MySQL, PostgreSQL, SQLite, BigQuery, GCP, AWS, ElasticSearch.
AI Tools: TensorFlow, Keras, PyTorch, NLTK(Basics), Scikit-learn.
Tools and Platforms: Git/GitHub, VS Code, Excel, RStudio, Tableau, PowerBI, Postman, Anaconda.

Experience

***Web Development and Design Intern* | Sails Software Solutions** **Mar 2022 – Aug 2022**
Technologies: Django, Python, DRF, REST API, MySQL *Visakhapatnam, India*
- Conducted a Back-End Integration Case Study for a Local Restaurant Web App with MySQL. Led website redesigns to improve navigation, visuals, boosting SEO rankings by 35%.
- Enhanced website functionality with Django REST Framework, successfully implementing a booking API. Resulted in a 10% increase in website usage, showcasing backend development expertise.

***Data Analysis Intern* | QUEST Global Engineering Pvt. Ltd.** **May 2021 – Aug 2021**
Technologies: Tableau, SQL, BigQuery, Excel *Bangalore, India*
- Engaged with dataset and able to reduce time to market and finish high-value orders for customers while enhancing performance to a 35% maturity level and automating the detection of deviations from expected patterns.
- Incorporated dataset to aggregate the results into an organized format for performing daily testing and also explored different ways to visualize and send weekly report of test results to team members

Projects

Campus Crib | *React, Tailwind, JavaScript - Git* **Jan – May 2023**
- Formulated an interactive web prototype with Django, aiding University of Florida students in finding housing in Gainesville, resulting in a 25% increase in successful housing matches.
- Created an intuitive platform using expertise in web development and user experience design, enhancing user engagement and about 90% satisfaction metrics.

House Party Music Controller | *React, JavaScript, Django, Python - Git* **Nov 2022 – Feb 2023**
- Spearheaded and deployed a Music Web application leveraging the Spotify API, resulting in 500 active users who actively contributed, shared, and engaged with the app, driving a 25% increase in user retention and doubling active sessions.
- Integrated multiple technologies and performed modifications for a seamless user experience.

Twitter Engine Clone | *Erlang, JavaScript, MongoDB - Git* **Aug – Dec 2022**
- Simulated Twitter using Erlang for 10,000+ users and tweets. Utilized Erlang's concurrency and MongoDB for efficient reads on co-located data during peak loads.

E-Commerce Website Clone | *MongoDB, Mongoose, Express, React, NodeJS, Redux - Git* **Aug – Nov 2022**
- Developed a comprehensive e-commerce clone coded with MERN stack, achieving 90% feature parity with Flipkart's core functionalities and incorporating 100,000+ mock products.
- Reduced page load time by 40% through responsive design implementation, resulting in a 50% increase in user engagement during testing.

Movie Recommendation System | *JavaScript, Python, NLTK, scikit-learn, Flask - Git* **Feb – May 2021**
- Redesigned a personalized recommendation engine using collaborative and content-based filtering, improving recommendation accuracy by 20% and user retention by 10%.
- Built a full-stack web application and put into practice a sentiment analysis feature that analyzed the emotions behind user reviews with Flask that supports a REST API and used React.js for the front end.