Divyasri Naraharisetti

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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

Languages: Python, JavaScript, C/C++, SQL, R, Erlang, TypeScript, HTML/CSS, Java(Basic), MATLAB.
Technologies & Frameworks: Node.js, Angular.js, React, MySQL, MongoDB, Mangoose, Django, Express.js, Next.js, Flask, Tailwind CSS, Redux, TensorFlow, Keras, PyTorch, NLP(Basics).
Database/ Cloud: Kubernetes, Docker, MySQL, PostgreSQL, SQLite, BigQuery, GCP, AWS, ElasticSearch.
Tools and Platforms: Git/GitHub, VS Code, RStudio, Tableau, PowerBI, Excel, Eclipse, Postman, Anaconda.

Experience

Web Development and Design Intern | **Sails Software Solutions** **Mar 2022 – Aug 2022**

Technologies: Django, Python, DRF, REST API, MySQL *Visakhapatnam, India*

- Executed a Case Study to establish a connection between the back-end of a Local restaurant web application and MySQL. Additionally, full redesigns of existing websites were undertaken to enhance navigation, elevate visuals, and augment search engine rankings by 35%.
- Generated an API for the website using Django REST Framework. The booking API was successfully implemented, further enhancing the website's functionalities and user experience, resulting in a 10% increase in the usage of the website.

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 cutting-edge music web application leveraging the Spotify API, resulting in a vibrant community of 500 active users who actively contributed, shared, and engaged with the platform, driving a 25% increase in user retention and doubling monthly active sessions.
- Integrated multiple technologies and performed modifications for a seamless user experience.

Twitter Engine Clone | *Erlang, JavaScript, MongoDB - Git* **Aug – Dec 2022**

- Developed a Twitter Engine clone that can simulate users more than 10,000 multiple and parallel accounts using the features such as tweets, retweets, hashtags, and queries simultaneously using Erlang.
- Operationalized Erlang's concurrency and fault-tolerance capabilities, as well as performance optimization techniques, to ensure the simulation could handle high levels of concurrency while maintaining stability and reliability.

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 | *Python, React, 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.