

Praneeth Ravuri

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EXPERIENCE

Cognizant

Jan. 2022 – Jun. 2022

Software Development Intern

Hyderabad, Telangana

- Demonstrated proficiency in front-end technologies and frameworks to develop responsive and user-friendly interfaces for web applications and reduce latency by 34%
- Collaborated with the back-end development team to integrate a RESTful API, enabling seamless data retrieval and updating, resulting in a 25% reduction in data retrieval time

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Aug. 2021 – Oct. 2021

Frontend Intern

Hyderabad, Telangana

- Implemented front-end performance optimizations, such as lazy loading and code minification, resulting in a 15% decrease in the website's overall file size
- Partnered with UX designers to ensure compatibility between design elements and application programming interfaces, ensuring product functionality

PROJECTS

Horizon Airlines Bookings

- Developed a full-stack web application using Flask as the back-end framework and MongoDB as the database, providing a streamlined flight booking and management system for users
- Developed a promo code system, enabling users to apply discount codes during flight bookings, enhancing the overall user experience and promoting customer satisfaction

Yelp Restaurant Review Classification

- Programmed KNN algorithm to automate classification of 101k Yelp restaurant reviews, labeling into 4 categories with an accuracy of 87%
- Analyzed and monitored model performance across the Yelp reviews to adjust hyperparameter optimization, elevating initial accuracy by 20%

Drug Activity Prediction

- Leveraged machine learning techniques to build a predictive model that identified 50 candidate molecules with a drug activity probability of 80%
- Executed systematic exploration of different approaches to feature selection and data preprocessing techniques, resulting in more efficient utilization of computational resources

EDUCATION

George Mason University

Aug. 2022 – May. 2024

Master of Science in Computer Science

Fairfax, Virginia

Gokaraju Rangaraju Institute of Engineering and Technology

Aug. 2018 – May. 2022

Bachelor of Technology in Computer Science and Engineering

Hyderabad, Telangana

SKILLS & TOOLS

Skills : Python, C, C++, HTML/CSS, JavaScript, JSONiq, Zorba, Bootstrap, SQL, Node JS, Jest, JQuery

Tools : Adobe Premier Pro, Gimp, Git, GitHub, VS Code, Pycharm