

Anjali Gupta

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EDUCATION

University of Florida, United States

Master of Science(MS) in Computer Science, GPA: 3.81/4.0

January 2022 - December 2023

Courses: Advanced Data Structures, Analysis of Algorithms, Software Engineering, Applied Machine Learning, Distributed Operating System Principles, Natural User Interaction, Computer and Network Security, Agile Project Management

Jaypee Institute of Information Technology, India

Bachelor of Technology in Computer Science and Engineering

July 2015 - June 2019

Courses: Data Structures and Algorithms, Database Systems, Web Development, Artificial Intelligence, Data and Web Mining, Social Network Analysis, Fuzzy Logic and Neural Networks, Probability and Random Processes, Statistics.

SKILLS

- **Programming:** Python, C++, Java, Erlang
- **Frontend:** React, React-Native, JavaScript, HTML, Redux, CSS, WordPress
- **OS:** MacOS, Windows, Linux
- **Databases:** MySQL, MongoDB, DB2, Firebase, SQLite
- **Backend:** Node.JS, Express.JS, Golang, Django
- **Tools:** Tableau, Informatica, Excel, Jira, ServiceNow, Trello
- **Cloud:** Salesforce, AWS, Microsoft Azure
- **Certifications:** Salesforce Certified Platform Developer-1; Data Science and Machine Learning Bootcamp; SQL-MYSQL for Data Analytics & Business Intelligence

PROFESSIONAL EXPERIENCE

UF Innovate | Software Engineer | Florida, United States

April 2022 - June 2022

- Developed and launched a web application that helped city administration manage and review construction designs, achieving a significant increase in efficiency by automating 80% of the manual review process.
- Utilized Material UI to design an intuitive user interface for the application, enhancing user experience and visual appeal.
- Spearheaded the implementation of document handling features in React.JS, enabling efficient file uploads, downloads, and management, resulting in a 30% reduction in document processing time and improved collaboration across teams.
- Exemplified Agile project management by organizing GitHub Issues, assigning tasks, and tracking progress across Sprints.

Wipro Limited | Software Engineer (Project Engineer) | India

September 2019 - November 2021

- Developed Python automation scripts that reduced manual effort by 20%, optimizing workflow and team productivity.
- Analyzed marketing campaign trends using DB2 database and harnessed Python libraries (pandas/numPy) to collect, preprocess, and manipulate data which resulted in enhanced insights for marketing initiatives.
- Crafted advanced SQL queries to effectively monitor various tools and applications within the FileNet system, ensuring smooth operation and optimal performance.

PROJECTS

SpendWise – React Native | Node.JS | MongoDB | Express.JS | Git

August 2023 - December 2023

- Developed an all-inclusive expense management mobile app, enabling users to log, assess, and visualize daily expenses, provide effective expense management tools and user-friendly features.
- Integrated user profiles, budget logging, and visual representations, empowering users with categorized spending insights, aiming to provide budget analysis and assist in day-to-day financial management.
- Built efficient backend APIs utilizing Node.js and MongoDB, ensuring seamless data management and retrieval for scalable and responsive application.

Cooking Assistant – React.JS | Python | Flask | Git

January 2023 - April 2023

- Constructed a web application, enabling real-time interaction between users and cooking videos using speech, resulting in enhanced user engagement and interactivity.
- Established advanced speech recognition to control video playback, indicate precise ingredient titration, and extract ingredients from recipe videos, improving user experience and convenience.
- Engineered Flask APIs to seamlessly retrieve and populate relevant information within the video feed, optimizing information flow and integration in the application.

EasyConnect – ReactJS | HTML | CSS | Cypress | Golang | SQLite | Git

January 2022 - May 2022

- Designed and implemented a streamlined web application for efficient job applications and candidate shortlisting, enhancing user experience and optimizing the hiring process.
- Crafted robust APIs and backend storage in Golang and SQLite, ensuring reliability and scalability while enhancing user convenience through key features like User Session Management and simplified job applications.

Picaboo: An Image Processing Application – Python | OpenCV | CNN

January 2018 - May 2018

- Developed an application with features such as Neural Style Transfer, Live Filters, basic photo editing capabilities, and a Face-swap feature.
- Implemented Convolution neural networks, specifically the VGG-16 network to apply one image's style to another image's content, and the Viola-Jones algorithm for face detection with 100% accuracy.