Anjali Gupta

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EDUCATION

University of Florida, United States
Master's in *Computer Science, GPA: 3.83/4.0* **January 2022 - Present**
Courses: Software Engineering, Applied Machine Learning, Advanced Data Structures, Distributed Operating System Principles, Analysis of Algorithms, Natural User Interaction, Computer and Network Security, Agile Project Management

Jaypee Institute of Information Technology, Noida, India
Bachelor of Technology in *Computer Science and Engineering* **July 2015 - June 2019**
Courses: Database Systems, Web Development, Artificial Intelligence, Data and Web Mining, Fuzzy Logic and Neural Networks, Probability and Random Processes, Statistics, Social Network Analysis, Data Structures and Algorithms.

SKILLS

Programming | Python, C++, Java, Erlang
Frontend | ReactJS, HTML, CSS, JavaScript, Bootstrap, Redux, WordPress
OS | Windows, Linux
Databases | MySQL, MongoDB, DB2, Firebase, Teradata
Cloud | Salesforce, AWS, Microsoft Azure
Tools | Tableau, Informatica, Excel, Unica, FileNet, Jira, ServiceNow, Trello, Miro
Backend | Node.JS, Express.JS, Golang
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**
- Created a web application from scratch named 'Virtual Review Assist', of the Innovation Department of University of Florida.
- Designed the application using Material UI Template and implemented the functionalities using React.JS.
- Developed features such as User Authentication/Verification via One Time Password (OTP), Document Handling (Upload/Download), Filters, and Routing.
- Managed the Project using Github by creating Github Issues(User Stories) and assigning tasks to all the members of the team for different Sprints.

Wipro Limited | Project Engineer | Gurugram, India **September 2019 - November 2021**
The project aimed at managing the IT infrastructure and applications of a major telecom client's operations in India.
- Monitored various trends in the marketing campaigns of the client using DB2 database.
- Analyzed numerous daily, weekly, and monthly reports using Python by collecting data and creating datasets from the database (DB2), and applied data manipulation using NumPy and Pandas.
- Developed scripts for automation of various tasks to be performed while monitoring FileNet tools. Automation reduced manual work by 20%.
- Worked on big SQL queries to monitor various tools and applications of FileNet.

PROJECTS

Cooking Assistant – React.JS | Python | Flask | Git **January 2023 - April 2023**
- Designed and developed a web-based application that facilitates real-time interaction between users and cooking videos.
- Implemented advanced speech recognition technology to control video playback (play, pause, jump to specific timestamps, move forward/backward), indicate precise ingredient titration, and extract ingredients from recipe videos.
- Created APIs using Python and Flask framework to enable data retrieval and population of video feed with relevant information.

Twitter Clone – Erlang | Git **November 2022 - December 2022**
- Created a clone for Twitter and simulated the client-server communication process using Erlang.
- Implemented user registration, tweeting, re-tweeting, subscriptions, and querying tweets based on hashtags and mentions.

EasyConnect – React.JS | HTML | CSS | Cypress | Golang | Git **January 2022 - May 2022**
- Designed a web application that allows candidates to apply for jobs and recruiters to shortlist candidates based on their skills. The candidates can apply for one or more jobs with a single click, once they are logged in.
- Implemented features such as User Session Management, Candidate Shortlisting for recruiters, Viewing Jobs, and Applying to multiple jobs for the candidates.
- Created APIs and storage in the backend using Golang and SQLite along with Routing, Error Handling, and Testing.

Picaboo: An Image Processing Application – Python | OpenCV | DLib **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.