JAYESHKUMAR GUPTA

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Summary

Results-driven Full Stack Developer with expertise in Java, JavaScript, and Python. Specializing in system optimization, migration, and API integration. Proven track record in managing complex projects and driving efficiency improvements. Seeking opportunities to contribute technical skills and innovative solutions.

Work Experience

Tata Consultancy Services | Full Stack Developer | **July'21 - Current**
- Managed and developed the Document Management System (DMS) with a focus on efficient file and folder management.
- Led the migration from Angular 6 to Angular 15 to enhance system performance and user experience.
- Implemented indexing and search capabilities using Apache Lucene and Solr, enabling efficient retrieval of files, folders and file contents, including content-based searching.
- Enhanced data accessibility by integrating Lucene and Solr, providing robust search and indexing for improved UX.
- Implemented folder upload and download capabilities using Java, NPM libraries in the DMS.
- Achieved a 30% optimization in the DMS through the implementation of a chunk-based file and folder upload system.
- Integrated AWS S3 and Netapp for secure and scalable storage of files throughout the entire solution.
- Streamlined backend authentication with Hazelcast, enhancing performance and scalability through distributed caching.
- Introduced file and folder sharing capabilities for seamless collaboration within the organization.
- Developed a flexible Java and Rest API for the integration of file uploads from various solutions into the DMS.
- Conducted research for the development of native apps for Windows and macOS to extend DMS accessibility.

Freelancer | **March'19 - June'21**
- Configured web servers on Google Cloud, AWS, and Azure to ensure optimal performance and security.
- Developed automation tools for website scraping using Python Selenium.
- Deployed websites, tools, and automated processes on various servers.
- Worked collaboratively with clients to understand and meet their automation needs.

Personal Projects

Sanjivani NGO Donation Platform
- Led end-to-end development of NGO's website using Python Flask, optimizing database management with PostgreSQL for improved performance.
- Implemented secure and efficient donation processes with PostgreSQL ensuring reliable data handling and storage.
- Integrated payment vendor APIs, enhancing donation processes securely and meeting PCI compliance standards.
- Established CI/CD pipeline for seamless code deployment, ensuring efficient updates to the website.
- Cultivated college partnerships, providing web development guidance through workshops and mentorship.

Twitter Tweet Beautifier
- Developed a website using Python Flask for seamless integration with the Twitter API.
- Designed a responsive user interface using HTML, CSS, and JavaScript.
- Successfully integrated Twitter API for real-time tweet details retrieval.
- Implemented efficient data handling for a clear and concise user experience.
- Created an interactive frontend for user-friendly input and output.

Skills

Programming Languages: Java, Python, JavaScript
Web Technologies: Angular, NodeJS
Databases: MySQL, SQL Server, PostgreSQL
Search Technologies: Apache Lucene, Apache Solr
Version Control: Git, Tortoise SVN
Web Servers: Nginx, Apache

Education

- MCA | Mornark University, Ahmedabad | (Aug '22 – June'24)
- BCA | Kadi Sarva Vishwavidyalaya, Gandhinagar | (Jun '18 – Apr '21)