Greeshma G

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Profile

Enthusiastic software developer with expertise in Python, Java, C, SQL, JavaScript, HTML/CSS, Django, React.js, Node.js, Next.js, PostgreSQL. Experienced in web development, machine learning, data visualization, and open-source contributions, with a strong grasp of algorithms, problem-solving, and database management.

Education

RNS Institute Of Technology	Channasandra, Banglore	2022-2026
Bachelor of Engineering in Information Science		9.4 CGPA
Viveka Pre-University College	Kota, Udupi	2020-2022
Pre-University in PCMCs		97.6

Experience

Open Source Contributor	*Girlscript Summer Of Code (GSSOC)*	October - November 2024

- Actively contributed to public repositories in GSSoC Extended 2024, enhancing projects with meaningful code improvements.
- Collaborated on GitHub to resolve issues, improve documentation, and implement new features.
- Earned a certificate of participation and secured a rank of 832, demonstrating consistent engagement.

Full Stack Web Developer Intern	*Unified Mentor*	October - November 2024

- Applied technologies such as HTML, CSS, JavaScript, Python (Flask/Django), and MySQL, improving backend logic and frontend UI.
- Built a dynamic quiz platform with features like question navigation, scoring, and result analysis.
- Designed a responsive blog platform with user authentication, CRUD operations, and a rich text editor.

Projects

Real Time Chatroom Application — *Python, HTML, CSS, JavaScript, Django*

- Developed a Django-based chat application with functionalities for creating chat rooms, sending messages, images, videos, and emojis for interactive communication.
- Integrated login and authentication to ensure a personalized and secure chat experience.

PDF to XML Converter — *React.js, Next.js, Nest.js, PostgreSQL, CSS*

- Developed a website allowing users to upload PDFs and convert them to XML format.
- Implemented options for downloading and printing the converted files.

Blog Website — *HTML, CSS, Javascript*

- Built a web application of blog website that allows the users to write and post blogs. They can also comment on and view other blogs.
- It also has login and logout options. User can view the recent posts.

Heap Sort Visualizer — *Streamlit*

- Built a web application to visually demonstrate the Heap Sort algorithm with step-by-step animations.
- Provided interface for understanding heap construction, sorting process, and time complexity.

Technical Skills

Languages: Java, Python, C, SQL, JavaScript, HTML/CSS
Frameworks: Django, React.js, Next.js, Node.js, Nest.js, Streamlit, Flask
Dev Tools: Git, Google Cloud Platform, VS Code, Eclipse
Libraries: pandas, NumPy, Matplotlib, Scikit-Learn

Certifications

IBM Data Science -September 21, 2024
TechFusion Hackathon Dept of ISE-2023
Infosys SpringBoard MERN Stack Developer- April 20, 2025
Infosys SpringBoard Server Side programming with Node.js for beginners - March 28, 2025