Shashank Sigdel

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Skills

Programming	JavaScript, Python, Java	**Version Control**	Git, Github
Framework	React.Js, Node.Js, Flask, Springboot, Django	**DevOps**	Docker, Kubernetes
Database	MYSQL, MongoDB, Postgres		

Work Experience

BNY Mellon   **May 2022 – Feb 2023**
Software Engineer   *New York, NY*
Tech Stack: Java, Springboot, RestAPI, Gitlab CI/CD, AppEngine, Docker, SQL

– Developed and maintained Java-based RESTful APIs for secure data integration at BNY Mellon.
– Automated deployment pipelines using GitLab CI/CD, leading to more efficient application delivery.
– Integrated client data into BNY Mellon's data lake, enhancing data accessibility and consistency.
– Troubleshot and optimized Java applications, improving system stability and performance.

AuriStor Inc.   **Feb 2024 – April 2024**
Software Engineer Intern   *New York, NY*
Tech Stack: ReactJS, TypeScript, Tailwind CSS, Kubernetes, Docker, Go

– Designed and developed a dashboard for a file-sharing system, leveraging ReactJS and TypeScript.
– Integrated APIs into the dashboard, collaborating effectively with backend teams.
– Ensured the reliability and performance of the application through debugging and troubleshooting.

YorkGPT - York College IT Department   **Jun 2024 - Present**
Software Engineer Intern   *Queens, NY*
Tech Stack: Python, ReactJS, Flask, SLM, LangChain, Postgres, Ollama

– Developed a scalable backend using Python, enhancing LLM functionalities with LangChain.
– Created a responsive frontend using ReactJS for user interaction with the SLM.
– Assisted in deployment and maintenance of software applications in production.
– Participated in code reviews to uphold software quality standards.

Tech Incubator At Queens College   **Jun 2024 - Present**
Software Engineer Intern   *Queens,NY*
Tech Stack: JavaScript, ReactJS, HTML, CSS, Material UI, Figma

– Collaborated with cross-functional teams to design, code, and test software solutions.
– Contributed to the development of clean, maintainable, and efficient code.
– Documented development processes and maintained technical documentation.

Education

CUNY - York College   **2022-2024**
Bachelor of Science in Computer Science   *GPA: 3.7*
Laguardia Community College   **2020-2022**
Associate of Science in Computer Technology   *GPA: 3.6*

Projects

York Chat — React.Js, Firebase, ChatEngine.io   **see project**
– Developed a real-time chat system with integrated Google and Facebook authentication.
– Ensured secure communication through message encryption and robust user authentication.

Library Information System — React.Js, HTML, CSS, Netlify   **see project**
– Created a responsive single-page application providing comprehensive library information.
– Enhanced user experience by optimizing accessibility and ensuring cross-device compatibility.

ManjuShree Tailo — React.Js, HTML, CSS, Bootstrap, Netlify   **see project**
– Developed a user-friendly single-page application to promote small business.
– Advertised the business effectively online by integrating location services.

Frequency Analysis — Python, Cryptography   **see project**
– Developed a frequency analysis tool for decrypting text passages by analyzing character frequency distributions.
– Implemented statistical methods to compare encrypted text against standard language frequencies to suggest possible decryption keys.