

SHASHANK SIGDEL

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WORK EXPERIENCE

YORK COLLEGE

Software Engineer Intern

Queens, NY

Jun 2024 - Dec 2024

Tech Stack: Python, ReactJS, Flask, SLM, LangChain, Postgres, Ollama

- Developed scalable backend functionalities using Flask- Python, for the YorkGPT Language Model.
- Enhanced system efficiency by training YorkGPT LM using Ollama and Huggingface.
- Improved user interaction by creating a responsive frontend using ReactJS, increasing usability of the SLM.

TECH INCUBATOR AT QUEENS

Software Engineer Intern

Queens, NY

Jun 2024 - Sep 2024

Tech Stack: JavaScript, ReactJS, HTML, CSS, Material UI, Figma

- Delivered software solutions by collaborating with cross-functional teams, ensuring alignment with project goals.
- Enhanced code quality by developing clean, maintainable, and efficient code, which improved overall project scalability.
- Improved project continuity by documenting development processes, supporting team information sharing.

AURISTOR INC.

Software Engineer Intern

New York, NY

Feb 2024 - Apr 2024

Tech Stack: ReactJS, TypeScript, Tailwind CSS, Kubernetes, Docker, Go

- Enhanced user experience by developing a ReactJS and TypeScript dashboard for prior CLI system.
- Improved system integration by collaborating with backend teams to integrate APIs, resulting in seamless functionality.
- Boosted application reliability by using DSA for debugging, reducing errors and enhancing stability

BNY MELLON

Software Engineer

New York, NY

May 2022 - Feb 2024

Tech Stack: Java, Springboot, Rest API, Gitlab CI/CD, AppEngine, SQL, Hibernate

- Developed secure RESTful APIs with Spring Boot, enhancing data security and access efficiency.
- Enhanced data retrieval speed and accuracy by integrating client data into BNY Mellon's data lake.
- Automated deployment pipelines using GitLab CI/CD, speeding up releases and reducing errors.
- Boosted system stability by troubleshooting and optimizing Java applications, reducing downtime.

EDUCATION

CUNY - YORK COLLEGE - GPA 3.573

Bachelor of Science in Computer Science

Queens, NY

Graduated: December 2024

SKILLS

PROGRAMMING/SCRIPTING: Java, Python, JavaScript, C++, HTML, CSS

FRAMEWORKS & LIBRARIES: Spring Boot, React.js, Node.js, Django

CLOUD & DATABASES: Hibernate, SQL, PostgreSQL, MySQL, MongoDB, Firebase

OTHERS: App Engine, GitLab CI/CD, Git

PROJECTS

YORK CHAT | ReactJS, Firebase, ChatEngine.io

[See Project](#)

York chat messaging system that requires Google Authentication.

- Enabled real-time communication by developing a chat system with integrated Google authentication.
- Secured user data by implementing message encryption and robust authentication, enhancing system privacy and trust.

LIBRARY INFORMATION SYSTEM | ReactJS, HTML, CSS, Netlify

[See Project](#)

Informative system to help student navigate.

- Improved library access by creating a responsive single-page application, providing comprehensive information to users.
- Boosted user experience by optimizing accessibility and ensuring cross-device compatibility.

BOOK STORE APP | Node.js, Express, ReactJS, MongoDB

[See Project](#)

A full-stack MERN bookstore application built using Vite for fast frontend development.

- Built a full-stack bookstore application using the MERN stack, leveraging Vite for fast and efficient frontend development.
- Improved user experience with features for browsing, searching, and managing book collections seamlessly

MANJUSHREE-TAILORS | ReactJS, HTML, CSS, Netlify

[See Project](#)

Small Business web application for advertisement.

- Developed a user-friendly single-page application to promote small business.
- Advertised the business effectively online by integrating location services