



JANET SIHAPANYA

PROFESSIONAL SUMMARY

Janet Sihapanya is an entry-level software developer with a bachelor's degree in Computer Science. She has experience working in teams using the Agile methodology in collaboration with other developers in her courses. She has displayed skills in the FastTrack Java Developer program using various tools and frameworks such as creating a database schema using PostgreSQL in PGAdmin and implementing a Spring RESTful API Web Service through EclipseIDE, Github, PGAdmin, and Postman. She has also illustrated her ability in designing, testing, and maintaining applications via her personal projects such as building a multi-utility Discord bot using JavaScript. Janet brings her story-driven passion for technology, love for learning, and problem-solving skill to any team of which she is a member of.

TECHNICAL SKILLS

Programming: Java, JavaScript, HTML5, CSS3, SQL, Spring, Spring Boot, JDBC, Jackson, JPA, JQuery, Node, Webpack, Babel, Maven, NPM, React
Software: Eclipse, VS Code, Git, GitHub, Cmdr, PGAdmin, Postman
Databases: PostgreSQL
Operating Systems: Windows

PROFESSIONAL EXPERIENCE

COOK SYSTEMS – Memphis, TN
FastTrack Developer

09/22 – Present

Social Media Project API

- Implemented a RESTful API with various endpoints that exposes operations for social media data to resemble the conceptual model of Twitter via basic CRUD operations and other HTTP requests
- Developed a database schema/ERD using PostgreSQL in PGAdmin in collaboration with other developers
- Utilized Spring Boot and JPA to write Spring services and controllers to handle requests, perform validation and business logic, and to transform data between the API and database models
- Tested, troubleshot, and debugged API functionality in Postman until each endpoint is documented by the REST method and URL used to access it

Environment: Java, Spring Boot, JPA, PostgreSQL, PGAdmin, Postman, Git, Eclipse, Maven, VS Code

Who's Who

- Established a front-end web application that uses Spotify's API in order to get genre's, artists, and sample songs for the user to guess from.
- Applied React services to write functions to handle data extraction using Spotify's search endpoints, parsing data between Javascript objects and JSON, and executing basic tasks to save user configurations on the landing page.
- Designed a user-friendly interface using the virtual DOM using HTML5, CSS, and React libraries jointly with other collaborators for ease of navigation, settings submission, and gameplay.
- Reviewed and fixed web application functionality using developer console

Environment: JavaScript, HTML5, CSS3, NPM, React, Webpack, Node, Git, VS Code

Project Management Application

- Created a full stack web application using Spring Boot and React to feature services for users to login and view announcements and projects via established endpoints and basic CRUD commands.
- Worked on the front-end development team to process and convert data from the database to the API to display announcements and projects made by a specific company, team, and user.
- Outlined and composed a minimalistic design for the application through basic HTML5 and CSS styling.
- Repaired and modified various bugs on both front-end and back-end development to establish appropriate endpoints and HTTP requests from the server to the client side

Environment: JavaScript, Java, Spring Boot, JPA, PostgreSQL, PGAdmin, Postman, Git, Eclipse, Maven, HTML5, CSS3, NPM, React, Webpack, Node, VS Code

ADDITIONAL PROJECT

Discord Utility Bot – Memphis, TN

08/22 – present

Developer

- Added basic functionalities for reading and sending messages to the user
- Created a basic music function for users to listen and play music from services such as YouTube and Spotify
- Developed currency tokens for users to trade and spend with other users in the server
- Designed commands to receive memes for the user

Environment: Visual Studio Code, JavaScript, Node

Association for Computing Machinery – Memphis, TN

08/20 – 12/21

Student Chair

- Established key relationships with club members, other chairpersons, and professors by accommodating educational workshops and social events for networking and student engagement in the club
- Created future plans for student involvement by collaborating with chapter officers, members, and other chairpersons
- Ensured the organization is responsible and reliable for upcoming events by providing training for future chapter leaders
- Earned revenue for the organization by hosting bake sales, collecting fees, and maintaining the club's monthly expenses alongside the treasurer

Member

- Maintained rules and guidelines for club safety by volunteering to clean, move, and change old furniture and equipment

- Promoted and raised awareness for the organization by participating in club meetings/workshops/events
- Helped new members adjust to the unfamiliar club environment by providing resources and aid to newcoming members

EDUCATION

Cook Systems FastTrack Java Lite Program – Memphis, TN **08/22 – 09/22**
Java Frameworks and developer tools training

Cook Systems FastTrack Full Stack Developer Program – Memphis, TN **09/22 – 11/22**
Concentrated Java Frameworks, Spring, SQL, JavaScript, and React/Redux and developer tools training

University of Memphis – Memphis, TN **08/17 – 12/21**
Bachelor of Science: Computer Science