KOBY SMITH-MCCALLISTER

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Technical Skills

Programming Languages: JavaScript, Java, SQL, HTML/CSS, Python, PowerShell
Technologies/Frameworks: React.js, Node.js, Express, JPA, Git, TCP/IP, HTTP
Developer Tools: Visual Studio Code, IntelliJ, MySQL, MongoDB, GitHub, Postman API, Eclipse, NetBeans

Projects

MERN-Stack Chat App | *ReactJs, Chakra UI, MongoDB, Node.js, Express, Socket.io*   Mar-May 2024
- Developed a full-stack, real-time chat application utilizing the **MongoDb**, **Express**, **ReactJs**, and **NodeJs**.
- Implemented **CRUD** operations, **JWT** user authentication, and a powerful component library called **Chakra UI**.
- Created API's to handle the incoming requests and tested them using **Postman**.
- Utilized **Socket.io,** allowing users to communicate in real-time.
- Leveraged advanced React features like **hooks** and **context** to manage state.
- Deployed the application using the **Heroku** cloud platform.

Persistence List | *JavaScript, NodeJs, Express, HTML/CSS, SQLite*   Feb-Mar 2024
- Built a productivity boosting to-do list using **JavaScript**, **SQLite**, and **HTML/CSS**.
- Used **SQLite** to establish relationships between tables within the database.
- Created **EJS** files to efficiently communicate between front end files and backend servers.
- Added user authentication to ensure data security and a personalized user experience.
- Implemented **Express** and **Node** to handle server operations and manage HTTP requests efficiently.

React Portfolio Website | *ReactJs, Tailwind, Netlify*   Jan 2024-Present
- Developed a responsive portfolio website using **ReactJs**.
- Integrated the **Tailwind** library to add styling and dynamic animations, enhancing the overall user experience.
- Deployed the application to a live production environment using **Netlify**.

Banking System Web App | *Java, SQL, HTML/CSS, Apache Maeven*   Jan-May 2023
- Developed a Banking system application with Mock data using **Java**, **JPA**, **Maeven**, and **SQL**.
- Utilized **SQL** to construct a database and queried it with data access Java files.
- Implemented **OOP** design principles to make the application easily readable and streamline debugging.
- Integrated multi-tier architecture separating the presentation, business logic, and data access layers to improve scalability and maintainability.
- Constructed **JSP** files to embed **Java** logic into **HTML** and to communicate with the **servlets** on the backend.

Professional Experience

Information Technology Intern | *Pitsco Education, Pittsburg, KS*   July 2023-Present
- Researched and identified solutions to technical problems that came through the **Jira** ticketing system.
- Acquired skills in **PowerShell** and utilized them to automate tasks.
- Used **Microsoft 365** administrative tools to perform simple system administration related duties.
- Executed system reimaging software to restore previously used computers for new purposes.
- Utilized **Active Directory** to manage records of employees and groups.

Education

Pittsburg State University   Aug 2020-May 2023
B.B.A in Computer Information Systems   *GPA: 3.90*

Relevant Course Work: Advanced Database Management, E-business and Application Development, Networking and Information Security, System Design Principles, Java Programming.