Jai Behl

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EXPERIENCE

Pathfinding Visualizer

Used: JavaScript, HTML5 , CSS3, P5JS

https://github.com/J-hub-star/PathFindingViz | https://j-hub-star.github.io/PathFindingViz/

- Built a JavaScript application that visualises graph algorithms.
- Conceptualized and ExecutedA-star algorithm, Dijkstra's algorithm, depth first search and breadth first search visualizer in the web application.

E-Commerce Store

Used: Spring boot, Java SE 8, JavaScript, React Js, MySQL, Heroku, Mockito

https://github.com/J-hub-star/Auth | https://ecomm-react-store-final.herokuapp.com/

- Designed and programmed a full-stack E-Commerce store.
- Added Authentication functionality to it.
- Added Stripe API to allow users to make purchases
- Designed, Deployed and Secured MySQL database as a docker image on Google Cloud Platform to ensure smooth data delivery to the client.
- By using test-driven development reduced the bugs by 50%.

Blogging Application

Used: Spring boot, React Js, MongoDB, Docker, Kubernetes, Google Cloud Platform, TypeScript & JavaScript, Spring Data JPA

https://github.com/J-hub-star/BlogApp | https://compassionate-swanson-72b611.netlify.app

- Using Spring boot, *MongoDB*, React Js, Material UI built an application that allows the user to blog
- Established a CI/CD pipeline on Gitlab and deployed using Heroku and Netlify
- Designed, Deployed and Secured a *MongoDB* Database on GCP
- Used JWT tokens to build authentication and authorization for the application reducing the security risk by 30%.

LEADERSHIP POSITIONS

Integrated Business Experience   *January 2021 – May 2021*

Chief Information Officer-- Safe-T-Sentials Inc.

- Lead a team of Software Engineers with diverse capability levels in the design of cloud services
- Estimated, performed feasibility analysis, and forecast risks and planned the delivery for new requirements
- Demonstrated skills with managing software development life cycles from requirements generation to architecture and design to delivery and maintenance
- Develop team competence focus on data science
- Demonstrated ability to create, champion and execute project plans on schedule

EDUCATION

Minnesota State University, Mankato   *Dec 2021*

Bachelor of Science, Management Information Systems

SKILLS

Languages: Java, Python, NoSQL, Django, HTML/CSS, Spring boot, MS SQL Server, Git, Docker, Kubernetes, T-SQL, MongoDB, MySQL

Operating Systems: Windows, Linux

Cloud Platform: Google Cloud Platform