

Jai Behl

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## EXPERIENCE

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### Bug Tracker

**Feb 2021 – July 2021**

Used: Spring boot, Java SE 8, JavaScript, React Js, MySQL, Docker, TypeScript, Google Cloud Platform, Mockito

<https://github.com/J-hub-star/Auth> |

- Implemented a full-stack web application that allow users to track progress in their personal projects
- Used JWT tokens to build authentication and authorization for the application to reduce security risks by 30%
- 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

**Nov 2020 – Jan 2021**

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

<https://github.com/J-hub-star/BlogApp> |

- Using Spring boot, MongoDB, Material UI built an application that allows the user to blog
- Established a CI/CD pipeline on Gitlab and deployed using Google Kubernetes Engine (GKE) and reduced the error rate by 30%
- 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%.

### Pathfinding Visualizer

**Apr 2020 – Oct 2020**

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

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

## LEADERSHIP POSITIONS

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### 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
- Acted as a contact point between the technical team, functional team, and the test teams
- 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
- Lead a team of Software Engineers with diverse capability levels in the design of cloud services
- Develop team competence focus on data science
- Demonstrated ability to create, champion and execute project plans on schedule

## EDUCATION

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Minnesota State University, Mankato

**Dec 2021**

Bachelor of Science, Management Information Systems

## SKILLS

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**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