

SUMERA BANU

◇ Bangalore, India

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PROFILE

Enthusiastic Computer Science and Engineering with strong foundations in software development and full-stack web technologies. Skilled in Java, Spring Boot, Hibernate, ReactJS, and MySQL, with hands-on experience building secure and responsive applications—from interactive React interfaces to robust Spring Boot back-ends. Passionate about designing scalable solutions and applying analytical thinking to solve real-world problems. Eager to contribute to innovative software projects while continuing to expand expertise in modern development frameworks and AI/ML concepts.

EDUCATION

Bachelor of Engineering, PES Institute of Technology and Management, Shivamogga 2021 - 2025
Computer Science and Engineering

Pre University Education, SAV Composite PU College 2019 - 2021
PCMB Stream

SKILLS

Programming Languages	Java, SQL
Frameworks	Spring Boot, Hibernate
Databases	MySQL
Tools	VS Code, Eclipse
Web Technologies	HTML, CSS, JS, ReactJS

EXPERIENCE

Full-Stack Developer Intern
Exposys Data Labs

- Developed an interactive ReactJS-based web application where users can customize their burgers by selecting available ingredients, preview the burger in real-time, and browse through a menu of burger types. Designed to deliver a modern, food-themed user experience with smooth interactions and responsive design.
- Developed a Spring Boot-based blog management system inspired by WordPress, allowing users to securely register/login, create and manage blog posts, and search content. The application supports exporting blogs into Excel/Word formats for offline use.

PROJECTS

Blog Application [Java, Spring Boot, HTML, CSS, JS, Maven]: Built a full-stack blog management system similar to WordPress, enabling users to create, edit, delete, and search blog posts with secure authentication and file export features.

- User authentication and authorization with Spring Security.
- CRUD operations for blog posts (create, update, delete, view). Post search functionality.
- Export blogs to Excel/Word documents.
- Responsive UI using HTML, CSS, and JavaScript. Modular design following OOP principles.
- Technologies Used:

Backend: Java, Spring Boot, Spring Security, Hibernate, Maven

Frontend: HTML5, CSS3, JavaScript

Database: Configurable via Spring JPA (MySQL)

Tools: Apache POI (for file export), Eclipse, Maven

Burger Website [ReactJS, JavaScript, CSS, HTML] Developed an interactive burger customization website where users can build their own burgers by selecting ingredients, view real-time previews, and explore a menu of different burger types. Designed with a modern UI and responsive layout to enhance user experience.

- Interactive burger builder with ingredient selection and live preview.
- Menu display with different burger types. Header with cart and login options.
- Responsive design with modern CSS styling.
- Smooth UI experience using React components and state management.
- Technologies Used: Frontend: ReactJS, React Router, JavaScript (ES6+), CSS3, HTML5

Libraries/Tools: React Icons, React Scripts, Web Vitals

Expense Tracker [ReactJS, Firebase, Chart.js, CSS, HTML]

- Personal finance management application to log expenses, categorize spending, and visualize financial habits.
- Secure authentication with Firebase. Dynamic expense tracking with daily logging. Visual analytics with pie charts/graphs.
- Goal tracking and CSV export functionality. Responsive design for cross-device usability.

JavaScript String Manipulation NPM Package [JavaScript, Node.js] Developed a versatile NPM package for common and advanced string manipulation tasks.

Provides utility functions such as capitalize, reverse, and toCamelCase.

Designed with modularity and reusability to simplify string handling for JavaScript developers.

EXTRA-CURRICULAR ACTIVITIES

- Participated in a 36-hour hackathon Build a Full-Stack web application for vehicle transportation system