BUDDHI DILSHAN

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SUMMARY

I am a passionate and hardworking software engineering student with hands-on experience in developing, testing, and maintaining software applications. I have worked with Java, JavaScript, Spring Boot, React, and MySQL. I enjoy solving problems, learning new technologies, and building software that meets real user needs

EDUCATION

Institute of Software Engineering (IJSE)   **AUG 2023 - Present**

- Developed enterprise-level software using Java, Spring Boot, and JavaFX, focusing on scalable and maintainable architecture.
- Created dynamic and user-friendly interfaces with React and Angular, enhancing usability across web platforms.
- Integrated databases such as MySQL and PostgreSQL for efficient data management and ensured data integrity.
- Implemented RESTful APIs with secure JWT authentication, supporting modular and secure service communication.
- Used Docker, Git, and Maven to automate builds, manage containers, and ensure version control in a team environment.

(A/L) Kaluthara Vidyalaya   **2019-2022**

- Completed G.C.E. Advanced Level in Commerce stream (Accounting, Econ, BS)
- Successfully balanced academics with leadership roles, demonstrating strong organizational skills.

ADDITIONAL INFORMATION

- **Technical Skills**

  - **Frontend Development**: React.js, React Native, HTML, CSS, JavaScript, Bootstrap
  - **Backend Development**: Node.js, Express.js, Spring Boot, Hibernate
  - **Databases**: MongoDB, MySQL, Firebase Firestore
  - **Cloud & Services**: Firebase Authentication, Firebase Hosting, GitHub
  - **Tools & Platforms:** Git/GitHub, IntelliJ IDEA, VS Code, Postman, Figma
  - **Concepts**: RESTful APIs, Object-Oriented Programming (OOP), Database Design, Agile/Scrum, Software Architecture

- **Languages:** English, Sinhala

- **Certifications:** Innovesta 2024 (Group Project Competition) – Achieved Best Business Visinory Project Award

PROJECTS

SmallWorld – Tourism Web Application
A web platform to explore tourist destinations, discover hotels, and connect with local guides.
Tech Stack: Spring Boot, WebSocket, Google Maps API, PayHere, API Gateway
Highlights:
- Real-time location updates using WebSocket.
- Integrated payment gateway for hotel bookings.
- API Gateway for secure and scalable microservices communication.

Smart Parking System – Backend Service
A backend solution to manage parking slots efficiently using microservices architecture.
Tech Stack: Spring Boot, Eureka Server, Microservices, REST APIs
Highlights:
- Dynamic slot management with real-time updates.
- Service discovery implemented using Eureka.
- RESTful APIs to connect frontend dashboards or mobile apps.

BookClub – Book Sharing & Review Application
A social platform for readers to share, review, and explore books.
Tech Stack: React.js, Node.js, Express.js, MongoDB
Highlights:
- Full-stack web application with user authentication.
- CRUD functionality for books, reviews, and user profiles.
- MongoDB used for flexible document-based data storage.

CineTrack – Movie & Series Tracker (Mobile App)
Mobile application to track movies and TV series with cloud integration.
Tech Stack: React Native, Firebase Firestore, Firebase Storage, Firebase Authentication
Highlights:
- User authentication and secure data storage via Firebase.
- Cloud storage for media files and user data.
- Intuitive mobile UI for tracking movies and series progress.

Smart Election System – JavaFX Desktop Application
A secure election management system to conduct and track votes with QR code verification.
Tech Stack: JavaFX, JDBC, MySQL
Highlights:
- Generated election results dynamically using Java backend.
- QR code-based voting to ensure voter verification and security.
- Interactive desktop interface for both voters and administrators.
- Used MySQL for persistent data storage and real-time result calculations.