Shivani **Kaiche**

Contact Details

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Profile Summary

An innovative software developer with proven experience in full-stack application development. Skilled in designing and deploying scalable, user-focused solutions using modern technologies such as Java, Spring Boot, React.js, Node.js, MySQL, and MongoDB. Proficient in building robust RESTful APIs and developing both front-end and back-end systems. Holds a Tech in Instrumentation and Control Engineering and a Postgraduate Diploma in Advanced Computing, offering a comprehensive approach to solving complex software challenges.

Skills

- Languages: - C, C++, Java, SQL, HTML, CSS, JavaScript.
- Frameworks: - Spring, Spring Boot, J2EE, JSP, React.js.
- Web Development :- HTML, CSS, JavaScript, React.js, JSP, RESTful web services.
- Databases: - MySQL, MongoDB, PLSQL.
- DevOps / Tools: - Git, GitHub, GitLab, Postman, Swagger, STS (Spring Tool Suite), Visual Studio
- Concepts / Knowledge: - Object-Oriented Programming (Oops), Web Development, RESTful APIs, Communication Skills, Problem Solving, Teamwork, Critical Thinking.

Project

a) Agri-ALLiance   **2024.07**

Technologies Used: React, MySQL, Java REST APIs.
Collected, cleaned, and processed large datasets from multiple sources to ensure data accuracy and integrity.
Engineered back-end services using Java and MySQL for managing data on crops, equipment bookings, and user roles.
Designed a user-friendly interface in React to enable efficient resource management.
Result: Improved task efficiency by 40% through automation of crop/job workflows and centralized resource booking.

b) Connectify   **2023.06**

Technologies Used: React.js, Node.js, Express.js, MongoDB (MERN Stack) Created a feature-rich social media platform allowing user sign-up, profile management, and real-time content interaction.
Built secure Restful API s with Node.js and Express.js to handle dynamic user-generated content.
Utilized MongoDB to support high-volume data handling with scalable architecture.
Result: Improved system performance by 50% and maintained 95% stability under concurrent user load testing.

c) Tune In   **2022.08**

Technologies Used: Java, HTML, CSS, JavaScript, MongoDBc
Designed a dynamic music-sharing application for discovering, organizing, and sharing playlists. Implemented user interaction and playlist features with Java, HTML/CSS, and JavaScript.
Customized MongoDB implementation for user data and playlists, and music metadata.
Result: Successfully demonstrated complete CRUD operations for playlists and music collections.Enhanced playlist organization and sharing perform- ance by 35%, with 100% functional test coverage.

Education

Post Graduate Diploma in Advanced Computing *from Centre for Development of Advanced Computing.*   **03.2024-10.2024**

Bachelor of Technology in Instrumentation and Control Engineering Science *fromVishwakarma Institute of Technology*.   **08.2019-07.2023**

Certifications

◇ ProbLem SoLving Techniques *LinkedIn Learning.*   **December-2021**

◇ Data AnaLytics, *LinkedIn Learning.*   **December-2021**

Hobbies

Listening Music, Drawing, Sketching