Radhe Ravi

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[Leetcode](#)   [LinkedIn](#)   [Portfolio](#)   [Github](#)

Education

Chandigarh University   Aug 2020 - May 2024
Bachelor in Computer Science and Engineerieng

Skills

Programming Languages : - Java, Javascript, C++, TypeScript, Python
Frameworks and Libraries: - Springboot, Angular, React, Hibernate,Bootstrap, Node.js, Express.js
Database/Cloud:- MySql (Relational), MongoDB (No Sql), Firebase, AWS
Relevent Coursework: - Data Structure and algorithms, Operating System, Object Oriented Programming, Software Engineerieng , Database Management
IDE:- Inellij, Eclipse, Pycharm, Vscode
Methodlogies:- Agile, Waterfall,Test Driven Development, Microservices
Other Skills :- Mavean, HTML5, CSS3, Docker, Linux, Github, Postman, Junit Testing

Projects

[EDUCONNECT](#) | J*ava 17, Springboot,MySql, Lombok, Data JPA, Hibernate*
- Architected and launched a scalable Learning Portal using Java 17 and Spring Boot,overseeing the entire development lifecycle from planning to deployment.
- Ensured the portal's scalability and high performance by optimizing the application architecture, implementing best coding practices, and conducting regular performance testing and tuning, supporting up to 20,000 concurrent users.
- Designed and managed the database schema using MySQL, ensuring data integrity and optimal indexing strategies, which improved query performance by 35%
- Utilized Spring Data JPA and Hibernate for efficient data access and manipulation, achieving a 40% reduction in request-response times.
- Achieved a 25% reduction in server response times and a 30% improvement in application load times through lift database queries and efficient resource management.

[AUTH SYSTEM](#) | J*ava 17, Springboot,MySql, Lombok, Data JPA, Hibernate, JWT,Microservice*
- Led the development of an authentication system using Java 17 and Spring Boot.
- Integrated secure token-based authentication mechanisms utilizing JSON Web Tokens (JWT), ensuring enhanced 40% security for user sessions and data integrity.
- Got a 30% improvement in development efficiency, enabling faster implementation of features and reducing the overall time-to-market.
- Engineered and hurled a microservices architecture with Docker containers, ensuring 50% reduction in system downtime and enabling seamless scalability to handle a 60% increase in user traffic.
- Streamlined a 60% reduction in unauthorized access attempts through the implementation of robust security protocols and take-charge monitoring.
- Maintained high code quality through rigorous code reviews, unit testing, and adherence to coding standards, achieving 90% code coverage with automated tests.

[SIMPLE CALCULATOR](#)| *Typescript , Angular, Css, Bootstrap*
- Developed and drive an intuitive arithmetic application upgrade for both desktop and mobile platforms better user satisfaction by 30% and boosted daily active users by 50% through efficient and user-friendly design
- Designed and implemented the user interface of a simple calculator with Angular and Bootstrap.
- Optimized backend logic in TypeScript, handling complex arithmetic operations with 99.9% accuracy.
- This induction resulting in a 40% reduction in calculation errors and exceeded system reliability for 500+ users.
- Managed codebase using Git for version control, facilitating collaboration and maintaining code integrity.
- Acquired significant performance improvements, reducing load times by 50%.
- Successfully deployed a online calculator that functions seamlessly across multiple browsers and devices.

Certifications

- Spring MVC Course by Infosys Springboard.
- Object Oriented Programming in JAVA by San Diego University.