

TECHNICAL EXPERIENCE

Software Engineer

January 2021 — November 2022

Mphasis

Bengaluru, Karnataka

- Engineered high-performance Spring Boot web applications, enhancing scalability and reliability by 30% with Hibernate for seamless object-relational mapping, boosting system efficiency
- Improved team collaboration with Git, reducing code conflicts by 50% and streamlining workflow to achieve a 20% faster project completion rate.
- Designed and deployed RESTful web services with Spring Framework and Spring Boot, cutting server response times from 5 seconds to 3 seconds.
- Conducted comprehensive testing with unit test frameworks, reducing post-launch bugs within 3 months, enhancing software quality and user satisfaction with Agile practices.
- Developed and integrated reusable ReactJS components, enhancing UI responsiveness and increasing user engagement over six months, optimizing performance.
- Optimized SQL query performance and managed MySQL and MongoDB across Unix, Linux, and Windows, significantly improving database operation speed in four months through optimization and management techniques.

SKILLS

Programming Languages	Python, Core Java, C.
Tools and IDE	Eclipse, Pycharm, IntelliJ IDEA, Visual Studio, MySQL Workbench.
Version Control	Git, GitHub
Web Technologies	HTML, CSS3, Web Sockets, ExpressJs, NodeJs, JavaScript, ReactJs, Spring Boot, JWT, Docker, Micro-services,
Cloud	CI/CD pipelines, AWS(EC2, S3, Lambda)
Databases	MySQL, SQL, PostgreSQL, MongoDB.
SoftSkills	Planning, Problem Solving, Communication,Active Learning, Innovation, Responsibility.

CERTIFICATIONS

- NPTEL Certification in Java Programming Language with 98 percent

PROJECTS

MernChat-app <View Here>

ReactJs, NodeJs, Websockets, MongoDB, Git, VScode

- Created reusable custom components using ReactJS, enhancing the parcel management system's user interface and user experience, resulting in a more intuitive and user-friendly platform.
- Leveraged state and props to manage data flow and enable efficient two-way data binding in ReactJS applications, improving data handling and user interactions, and reducing user input errors by 15%.
- Implemented dual-login functionality for admin and staff roles, allowing admins to efficiently manage staff and branches, while staff could create and update parcels, streamlining operations and reducing administrative overhead by 20 hours per month.
- Built server-side functionality using Node.js and Express.js, creating robust APIs for seamless communication with MongoDB, ensuring efficient data storage and retrieval, and reducing server response time by 30%.
- Managed databases with MongoDB, designing efficient schemas and ensuring high performance and scalability for the system's data storage needs, which supported a 50% increase in data volume without degradation in performance.

Parcel Management System <View here>

ReactJs, MongoDB, NodeJs, Collections, MicroServices

- Utilized Node.js, ReactJS, and MongoDB to achieve a 40% improvement in processing speed, significantly boosting system efficiency and performance.
- Designed separate Admin and Staff logins, allowing Admins to manage staff and branches while enabling Staff to handle parcel creation and updates, enhancing security and workflow efficiency.
- Enabled efficient parcel detail creation and updates, reducing processing time by two hours per task. Unique parcel IDs resulted in a 1-hour reduction in tracking resolution time, increasing user trust and engagement.

Student Management System <View Here>

SpringBoot, ReactJs, JWT, Javascript, Docker.

- Established robust security protocols, reducing manual workload by 35% through efficient CRUD operations on student records.
- Encrypted storage decreased unauthorized access attempts and saved approximately 5 hours weekly. Streamlined academic administration processes, improving efficiency and accuracy, and received acclaim for its user-friendly design

EDUCATION

Master's in Computer Science, University of Central Missouri, with 3.60/4.0 GPA

January 2023-May 2024

Bachelor's in Information Technology, Kakatiya Institute of Technology ang Science, with 3.46/4.0 GPA

August 2018-April 2022