YOGESH KUMAR

BACKEND DEVELOPER

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PROFILE

Node.js backend developer with 3 years of experience , Skilled in designing RESTful APIs, working with both MongoDB and MySQL databases, and developing responsive frontend components using React.js. writing clean code, and continuously learning new technologies to improve product quality.

WORK EXPERIENCE

BACKEND DEVELOPER

JAYA&LUYM LMS APP

URL-https://jaya.dharmalife.in/   8/April/2022 to present

- **Attendance Tracking:**Implemented a feature for the JAYA&LUYM Learning Management System (LMS) to automate attendance tracking within classroom meetings. Leveraged webhooks to seamlessly integrate this functionality, enhancing efficiency and accuracy in recording user participation.
- **Meeting Recording Automation:** Integrated Recording Watch Feature utilizing the Zoom Meeting Recording API, implemented a robust codebase to capture/update video URL in real time ensuring the DB remained up to date
- **Zoom Auth migration**: Implemented the authentication for all zoom API from JWT to OAUTH
- **Performance optimization**: Implemented a server-side pagination across multiple APIs throughout the JAYA LMS app Also optimized MongoDB performance by implementing indexing, improved the user experience and page response .
- **User dashboard contributions:** Implemented APIs for client dashboard to list down the assigned courses to learners
- **Enhancement of User List API**: Implemented API for user management and role management , for searching users with multiple parameters, implemented MongoDB fuzzy search
- **UID generation feature**: Implemented a UID generation feature for new user sign-ups and retroactively assigned UIDs to existing users through custom scripts. This enhancement streamlined user identification and management processes, ensuring consistency and efficiency across the platform
- **Notification system**: Implemented notification APIs for client side to notify for new classroom or course etc.
- **Node Upgrade** : Upgraded the node version from Node 8x to Node 20x

Track and Trace (product emission tracker)

URL-https://jaya.dharmalife.in/

- Created modular and structured backend app from scratch and deployed into aws ec2
- designed & Implemented dynamic emission tracking with environmental data from multiple pollution sources
- implemented API to fetch unique cluster based products

Admin analytics dashboard (Frontend)

- Took ownership for developing analytics dashboard to provide insightful data for admin and instructors.
- Developed RESTful APIs to fetch user data, course details, assignments, and classroom analytics/attendance
- Build 4 responsive screens for user list and main details screen.
- implemented switchable tabs to switch list on course,classroom and assignment listings
- results better data visibility and control over users by admin

APP Containerization (LMS App)

- Containerized the application by writing and configuring a Dockerfile, streamlining local development and deployment workflows.

DL Nation

- Started working with the company main application and build API with express mysql and sequelize for listing company policies and updating taken policy to that specific user
- implemented express validator to validate the request for cleaner data flow

SKILLS AND COMPETENCIES

- Javascript, Nodejs, Express, ReactJS, MongoDB, Mysql, Python, Bootstrap, Git, HTML/CSS, AWS (EC2), Jira

EDUCATION

- MCA (LNMI Patna)
- BCA (College of commerce arts and science Patna