

DHARMENDRA KUMAR DUBEY

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SUMMARY

Experienced Software Engineer with 3+ years of expertise in software development, specializing in JavaScript, Node.js, React.js, MongoDB, API development, and extensive experience in containerization using Docker and deploying applications on AWS cloud services. Demonstrated success in enhancing system performance and establishing robust security measures for authentication. Seeking challenging opportunities for skill growth and professional development.

SKILLS

Languages:	JavaScript, TypeScript, Python
DataBase:	MongoDB, PostgreSQL
Backend Development:	NodeJs, ExpressJs
Frontend Development:	ReactJs
Testing Freamwork:	Jest
Other Technologies:	Microservices, Redis, Socket.io, Docker, AWS, Firebase, MQTT, GitHub, CI/CD, Low-Code/No-Code

EXPERIENCE

Full Stack Developer

July 2024 - April 2025

Edovu Ventures Private Limited

Gurugram, Haryana

- Responsible for developing the Examination Module for managing assignment submissions and sharing marks within ERP and LMS platforms.
- Built the Fee Management Module to streamline fee requests, automate receipt processing, and enable real-time fee tracking.
- Ensured seamless integration of both modules with the overall ERP and LMS systems to improve operational efficiency.
- Designed and optimized MongoDB schemas, leveraging indexing, normalization, and sharding techniques to enhance data retrieval and storage efficiency.

NodeJs Developer

Feb 2024 - June 2024

PsiBorg Technologies

Noida, UP

- Architected a real-time monitoring system leveraging IoT and cloud technologies to track the location and status of loved ones
- Implemented real-time communication using Socket.IO and MQTT for seamless data transmission and instant updates
- Launched a subscription feature for kids-tracking devices that monitors whether the plan is active, expired, or upcoming.
- Implemented Job-scheduler for expires, active the subscription.
- Implemented push-notification using firebase.
- Ensured system reliability, responsiveness, and data integrity through robust architecture and testing

Software Engineer I

Feb 2022 - Jan 2024

Think Future Technologies

Gurugram, Haryana

- Implemented secure user authentication and authorization using JWT, Passport.js, OAuth, and Bcrypt.js for robust access control
- Conducted rigorous unit testing using Jest, identifying and resolving 15 critical bugs before deployment, ensuring robust functionality and reliability of the application
- Optimized application performance through code refactoring and caching strategies, resulting in a 40% reduction in response times and a 50% improvement in server efficiency

PROJECTS

K12 School (ERP and LMS)

- Developed LMS and ERP modules to automate assignment submissions, marks sharing, and fee management processes. These modules improved transparency, efficiency, and user experience for academic and administrative tasks.

Technologies used: JavaScript, Node.js, React.js, MongoDB, Redis, AWS, Docker

Trulynk(Kids-Tracking)

- Developed a kids' tracking application integrating location monitoring and health metrics (heart rate, SPO2). Implemented geofencing capabilities for multiple locations and an alert/notification system for detecting abnormal conditions, ensuring enhanced safety and real-time monitoring.

Technologies used: JavaScript, Node.js, MongoDB, AWS , Firebase, Socket.IO, MQTT, Docker

Salary Account Management System

- Developed a Salary Account Manager application using Appsmith and JavaScript, integrating MongoDB and a Bank Verification API. Enabled seamless updates of employee salary account details within designated time frames, ensuring efficient management and compliance with payroll processes.

Technologies used: Appsmith(Low-code), JavaScript, MongoDB

EDUCATION

Master of Computer Applications

Madan Mohan Malaviya University of Technology

CGPA - 7.75

July 2019 – May 2022

Gorakhpur, India

Bachelor of Computer Applications

Shri Ramswaroop Memorial University

CGPA - 6.68

July 2015 – May 2018

Lucknow, India

CERTIFICATIONS

- Nodejs,Express and MongoDB The Complete Bootcamp - Udemy
- JavaScript Intermediate - HackerRank