

Aleemath Ranseena

Full Stack Developer

+917306111959

@aleemathranseenakk@gmail.com

https://linkedin.com/in/aleemath-ranseena



SUMMARY

Full Stack Developer with 3+ years of hands-on experience building scalable, user-centric web applications using MERN and LAMP stacks. Strong background in React, Vue.js, Node.js and Laravel with practical experience designing RESTful APIs, implementing authentication, and optimizing database performance. Quick learner and adaptable to new technologies, with a proven record of improving application performance and team productivity.

KEY ACHIEVEMENTS

Enhanced Application Performance

Increased application performance by 40% through optimized database queries and API improvements.

Streamlined Administrative Tasks

Reduced manual tasks by 70% through automation in school management system.

Boosted Sales Efficiency

Improved sales productivity by 25% with CRM automation features and tools.

Optimized API Performance

Decreased API response times by 25% under load, enhancing user experience.

EXPERIENCE

Full Stack Developer

Betasquirrel Innovation Labs Pvt Ltd

08/2022 - Present Kalpetta, India

- Engineered and deployed responsive web applications that delivered consistent UX across desktop and mobile devices.
- Designed and developed responsive web applications using HTML5, CSS3, Bootstrap, and modern JavaScript frameworks, ensuring high-performance and cross-browser compatibility.
- Built scalable, maintainable front-end architectures using React.js and Vue.js, enhancing interactivity and improving user engagement across multiple client projects.
- Developed and integrated RESTful APIs using Node.js, Express, and Laravel, ensuring smooth data communication between client and server layers.
- Implemented secure authentication and authorization systems with Passport.js and Laravel Auth, protecting sensitive user data and improving access management.
- Managed MongoDB and MySQL databases, handling schema design, data modeling, and query optimization to ensure application scalability and stability.
- Collaborated with cross-functional teams using Git, Jira, and Confluence, maintaining version control integrity and efficient Agile sprint deliveries.
- Diagnosed and resolved front-end and back-end issues, improving system reliability, page load times, and overall user satisfaction.
- Actively contributed to four major end-to-end web application projects (Therapy Center, School, Hospital, and ERP/CRM Systems), delivering robust solutions tailored to diverse business needs.
- Continuously explored and learned new frameworks and tools to enhance productivity and align with emerging technology trends.
- Built RESTful APIs (Node.js/Express, Laravel) and integrated them with React/Vue front-ends to create maintainable, testable systems.
- Implemented authentication & authorization (Passport.js, Laravel Auth) to secure user flows and protect sensitive endpoints.
- Optimized database queries and indexing in MongoDB and MySQL, improving average API response times by -25% under load.
- Diagnosed and resolved production issues quickly, improving uptime and reliability; provided code reviews and mentoring for junior developers.
- Worked in Agile sprints with designers and product owners, using Git, Jira and Confluence to track progress and deliver features on schedule.

EDUCATION

B.Sc. Mathematics

University of Calicut

NOTABLE PROJECTS

ERP & CRM System

- Built aSchool Management System automating attendance, fee collection, report generation, etc. to streamline daily operations.
- Developed a unified ERP and CRM platform integrating sales, HR, inventory, invoicing, and customer management for mid-sized businesses.
- Built interactive dashboards and data visualizations to track KPIs such as sales performance and resource utilization.
- Implemented lead and customer lifecycle tracking to enhance client engagement and follow-up efficiency.
- Designed automated billing and reporting systems, improving financial accuracy and reducing administrative burden.
- Enhanced UI using jQuery, ensuring a responsive and user-friendly interface across devices.
- Implemented role-based access and reporting dashboards for administrators, teachers, and parents, improving data visibility and communication.
- Automated more than 70% of manual administrative tasks, significantly reducing processing time and human error.

Hospital Management System

- Designed and developeda CRMplatformfor lead tracking, client interactions, and analytics dashboards.
- Engineered a multi-module hospital system for patient registration, appointments, billing, pharmacy, and laboratory management.
- Integrated electronic medical records (EMR) with patient history tracking and secure data encryption.
- Designed custom Vue.js dashboards for doctors, nurses, and lab technicians, providing real-time updates on patient status.
- Implemented inventory and pharmacy management modules with stock alerts and purchase order tracking.
- Enhanced system performance by optimizing SQL queries and caching frequently accessed data.
- Added automation for follow-ups and notifications, boosting sales team productivity by approximately 25% and improving lead conversion visibility.
- Built reusable components and API conventions to speed up feature delivery and reduce technical debt.

School Management System

- Designedand developeda comprehensiveschool management platform managing students, staff, classes, exams, and fees, etc.
- Built a secure RESTful API with Node.js/Express for seamless data exchange and a modular React frontend for real-time updates.
- Implemented student attendance, performance analytics, and communication modules connecting teachers and parents.
- Integrated JWT-based authentication and role-based dashboards (Admin, Teacher, Student, Parent) for secure access.
- Optimized MongoDB queries and caching, improving data load times by 30%.

Therapy Center Management System

- Developedafull-featured Therapy CenterManagementSystem to handle patient registration, therapist scheduling, billing, and progress tracking.
- Built role-based access controls for administrators, therapists, and front-desk users, improving operational transparency.
- Implemented a dynamic appointment scheduling module with real-time availability, reducing booking conflicts by 40%.
- Designed and integrated an automated report generation system for therapy sessions and invoices using Laravel's queue system for background processing.
- Enhanced UX with Vue.js components, ensuring smooth navigation and responsive design across devices.

LANGUAGES

Tamil Beginner	English Advanced	Malayalam Native
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SKILLS

Agile	Bootstrap	Confluence	CRM	Jenkins	Figma	Git	Automation	WordPress	JavaScript	JIRA
Laravel	MongoDB	Passport.js	PHP	Postman	React	Healthcare	Redux	REST	Vue.js	Node.js
Express.js	ES6+	Responsive Web	Codelgniter	MySQL	AWS	HTML5	CSS3	Edtech	ERP	jQuery
jQuery UI	Linux	AI	JWT	RBAC	Multi-tenant Systems	Visualization	Database Design	UI Design		
CI/CD	Front-end Development	Back-end Development	JSON	DevOps	Docker	API	Cypress.js	Testing		