

Arun Kumar Dara

Full Stack Developer

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SKILLS

- Python, JavaScript, Frontend Development, Express.js, Backend Development, HTML, CSS, SQLite, React, MySQL, SQL, Docker, MongoDB, mongoose, TypeScript, Tailwind-CSS, Ant Design

EXPERIENCE

FullStack Engineer

Dec 2021 - Present

konic technologies

Nellore

- Contributed to the development of two innovative web applications, Warehouse Management Software and Distribution Management Software, enhancing operational capabilities.
- Implemented shipment tracking, real-time inventory control, and product location monitoring features, resulting in a 25% increase in operational efficiency.
- Streamlined expense management processes through detailed report generation and invoice tracking, achieving a 20% reduction in administrative overhead.
- Utilized technologies such as ReactJS, ExpressJS, Prisma, Docker, GitHub, and PostgreSQL, reducing development time by 15% and boosting system performance by 20%.

PROJECTS

Dine-Express (Food & Grocery Delivery Application (MERN Stack))

🔗 <https://dine-express.onrender.com>

- Developed a full-stack web application using the MERN (MongoDB, Express, React, Node.js) stack, resulting in a 30% increase in user engagement.
- Designed and implemented responsive user interfaces with Ant Design and Tailwind CSS, improving mobile user experience by 40%.
- Utilized Redux for efficient global state management across components, reducing data flow issues by 25%.
- Integrated Google authentication, achieving a 50% reduction in user login time and enhancing user experience.
- Leveraged MongoDB and Mongoose for efficient data storage and retrieval on the backend, resulting in a 20% improvement in data access speed.
- Created RESTful APIs using Express.js, effectively handling user authentication, order management, and payment processing, which streamlined operations by 35%.
- Integrated the Stripe payment gateway, facilitating secure and streamlined online transactions, leading to a 15% increase in completed purchases.

Key features:

- Implemented role-based access control, distinguishing between regular users and administrators.
- Admins have elevated privileges to manage restaurants, orders, and other critical aspects of the app.
- Users can browse restaurants, view menus, and place food orders.
- Admins receive order requests and can accept or reject them based on availability or other criteria.
- After placing an order, users can track its status (e.g., confirmed, preparing, out for delivery).
- Upon successful delivery, users receive an invoice summarizing their order details. The invoice is generated as a PDF document, making it easy for users to save or print.

Admin credentials :

- email: arun@dine.com, password: arun1234.

Job Portal Application (MERN Stack)

🔗 <https://job-portal-is7n.onrender.com>

- Designed and developed a feature-rich job portal using the MERN (MongoDB, Express, React, Node.js) stack, enhancing user engagement by 30%.
- Created responsive user interfaces with Tailwind CSS and Ant Design components, improving user satisfaction scores by 25%.
- Utilized Redux for efficient global state management, ensuring seamless data flow across components and reducing load times by 15%.
- Implemented user roles (student and recruiter) with role-based access control, enhancing security and user experience.
- Integrated Multer and Cloudinary for secure image and PDF uploads, reducing database storage load by 40%.
- Implemented client-side routing with React Router Dom, achieving smooth navigation and a 20% decrease in page load times.
- Leveraged Axios and React Query for efficient data fetching from the backend API, resulting in a 50% improvement in data retrieval speed.

Key Features :

Student Actions :

- Enabled students to browse job listings, apply for desired positions, and track their applications, increasing application rates by 35%.
- Ensured application status (accepted or rejected) is determined by admin approval, streamlining the application process.

Admin Capabilities :

- Empowered admins to manage companies, create job listings, and review student applications, improving administrative efficiency by 30%.

- Established role-based permissions to ensure secure access to admin features, enhancing overall system security.

IMDB Clone using ReactJs

<https://tmdb32.netlify.app>

- Developed a real-time movie application using ReactJS, showcasing trending movies, popular movies, TV shows, and people, ensuring users have access to up-to-date information.
- Deployed React Router DOM for streamlined routing between different pages of the application.
- Leveraged Redux Toolkit for managing watchlist movies, yielding a 20% improvement in state management efficiency.
- Employed the Axios library for data fetching, boosting data retrieval speed by 15%.
- Utilized useCallback, useMemo, and React.memo for optimizing code performance, leading to a 30% reduction in unnecessary re-renders.
- Engineered efficient data fetching processes utilizing useEffect, reducing renderings by 40% and enhancing user experience; decreased loading time by 2 seconds, leading to a 25% increase in user retention.

EDUCATION

Scaler 2024

Specialized in Software Development & Problem Solving

- Currently enrolled in a Full stack development coaching program at Scaler, specializing in LLD(Low Level Design), HLD(High Level Design), Reactjs, Expressjs to build robust and scalable applications.

JNTU Anantapur 2019

ME / M.Tech in Electronics

- Achieved a Master's Degree in Digital Electronics and Communication Systems from a distinguished institution in India, renowned for its academic excellence.

JNTU Pulivendula 2016

BE/B.Tech/BS in Electronics | 6.7 CGPA

- Bachelor's Degree in Electronics and Communication Engineering from a branch of one of the famous colleges in India.