

Rajeshkanth M

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Summary

Accomplished web developer with expertise in leading projects and optimizing application performance using cutting-edge technologies like React, TypeScript, Tailwind, MUI, Java, Next.js, Node.js, and Keycloak. Skilled in JavaScript and Java, I have a proven track record of enhancing security through Keycloak, fostering collaboration, and driving innovation to deliver successful projects.

Education

B.E CSE	83%	M.I.E.T Engineering College, Trichy	2019 - 2023
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Experience

Junior Software Engineer	Nov 2023 – Feb 2025
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Grootan Technologies | Chennai, India

- Collaborated with a team of engineers to design and develop web applications using React, Node.js, Next.js, and Spring Boot.
- Created and maintained responsive, user-friendly web interfaces with FTL, JavaScript, and Tailwind CSS.
- Implemented authentication and authorization features using Keycloak, enhancing application security.
- Integrated with databases like PostgreSQL and MongoDB for efficient data storage and management.
- Actively participated in code reviews, debugging, and optimizing application performance.

Projects

MIS (Management Information System)

A comprehensive management system that integrates Jira, YouTrack, and Zoho to streamline ticketing, project tracking, effort management, and employee leave management.

- **Integrated Tools:** Consolidated data from multiple project management and ticketing tools (Jira, YouTrack, Zoho) to provide a unified platform for tracking project progress, employee activities, and leave requests.
- **Frontend:** Next.js, React, Tailwind CSS
- **Backend:** Mongoose
- **Authentication:** Keycloak

Money Transfer Application

A web application enabling users to securely transfer money between bank accounts, view transactions, and manage beneficiaries.

- **Bank Transfers:** Developed secure money transfer functionality, including validation and transaction logging.
- **Transaction History:** Built a feature to display transaction details (sender, receiver, amount, date).
- **Beneficiary Management:** Enabled saving and managing beneficiary bank accounts for quick transfers.
- **User Profiles:** Created a profile section for users to update personal and account information.
- **Frontend:** Developed with React and Tailwind CSS for a responsive UI.
- **Backend:** Built with Spring Boot and Postgres for transaction and user data storage.
- **Authentication:** Implemented Keycloak for secure user authentication and transaction validation.

RDIA Grants Portal (Research Development and Innovation Authority)

A web application designed to streamline the grant evaluation process by analysing and categorizing uploaded documents based on specific criteria.

- **Document Analysis:** Implemented functionality to detect criteria such as plagiarism and compliance with predefined conditions.
- **Automated Categorization:** Built a system to categorize documents automatically and display their details on dedicated category screens.
- **Performance Optimization:** Developed a high-performance, responsive user interface using modern tools.
- **Frontend:** Vite.js, Tailwind CSS

IBM PKV Insurance Application

A web-based insurance application providing users with an easy way to manage their insurance plans, offering accessibility features to cater to a diverse range of users.

- **Frontend:** Developed with FTL (FreeMarker Template Language), Tailwind, Java, and integrated Keycloak for secure user authentication and access management.
- **Accessibility:** Implemented accessibility features to ensure the application is usable by individuals with disabilities, following WCAG standards.
- **Authentication:** Integrated Keycloak for managing user authentication and roles for secure access control.

Car Lease Application

A full-stack web application to manage and display car listings with RESTful APIs and an intuitive UI for filtering and viewing car details.

- **Car Management:** Developed backend APIs for creating, updating, deleting, and retrieving car data using Spring Boot and PostgreSQL.
- **RESTful API Integration:** Connected frontend with backend services to dynamically fetch and display car data.
- **Filtering & Search:** Built dynamic filtering options (brand, year, color) to help users easily search and view relevant cars.
- **Frontend:** Developed with React and Tailwind CSS to create a clean, responsive, and user-friendly interface.
- **Backend:** Built with Spring Boot, Spring Data JPA, and PostgreSQL for managing business logic and data storage.
- **Modular Architecture:** Followed controller-service-repository pattern on backend and reusable component structure on frontend.
- **Scalable Design:** Designed the system for easy future enhancements like pagination, authentication, and advanced search filters.
- **Authentication:** Integrated Keycloak for managing user authentication and roles for secure access control.

Skills

Programming Languages: Java, JavaScript, TypeScript

Frontend: React js, Next js, Vue js, Vite js, Angular, FTL, MUI, Tailwind CSS, HTML, CSS

Backend: Spring boot, REST APIs, Node js, Nexj js

Database: PostgreSQL, MYSQL, MongoDB

Authentication: Keycloak, OAuth 2.0

Others: Docker, Git, Webpack, Babel, NPM, Maven

Languages

- Tamil
- English