YUVARAJ.R

Java Full Stack Developer

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🪪 SUMMARY

Results-driven **Java Full Stack Developer** skilled in **Java, Spring Boot, React.js,** and **SQL**, with hands-on experience in building dynamic web applications. Developed projects like Language Translator App, Shift Mapping System, Student Grade Calculator, and DOM Manipulation Playground. Currently expanding expertise in AI/ML and Data Analytics, aiming for a top MNC developer role to create scalable, efficient, and impactful software solutions.

💼 EXPERIENCE

Sep 2025 – Present

Maxbyte Technologies
Java Full Stack Developer
Shift Allocation Module Enhancement:
- Improved the **Shift Configuration module** by removing redundant features and adding a dynamic checkbox-based shift allocation system.
- Integrated **API-driven** logic to auto-fetch and update shift data for multiple shifts (A/B) with toggle-based assignment and unassignment functionality.
- Enhanced usability and operational efficiency by simplifying the shift management process for users.

Language Translation Integration (Preventive Maintenance & Digital Work Instruction Modules):
- Implemented **Google Cloud Translation API** to enable **multi-language** support for selected modules used by non-technical staff.
- Optimized the translation process to restrict translation only to targeted **components**, preventing UI distortion in other sections.
- Resolved UI issues related to **Google Translate loaders** and **logos** using **custom CSS** for a seamless and professional interface.
- Enhanced accessibility and user experience for non-English-speaking operators and technicians.

Checklist Configuration Bug Fixes:
- Identified, analyzed, and resolved critical checklist configuration errors affecting data accuracy.
- Performed manual validation and updates through **Excel data** correction before uploading verified checklists into the asset management system.
- Improved data consistency, reliability, and user confidence in the checklist execution process.

Aug 2024 – Jan 2025

RIGHT ANGLE SOLUTIONS
SOFTWARE ENGINEER - REACT DEVELOPER
Projects Developed:
MEDIBOT AI:
- Developed a responsive, **AI-powered medical chatbot** using React and Next.js that provides users with instant, informative responses to general medical queries.
- Integrated **OpenAI's GPT API** to simulate natural human-like conversations for preliminary symptom checking and general health advice.
- Ensured secure and scalable backend using Node.js and MongoDB to store anonymized chat history for analysis.

- Implemented responsive UI with **Tailwind CSS** and deployed the application on Vercel for optimal performance.

Job Portal Website
- Developed a fully responsive and modern Job Portal UI using React.js, integrating **RESTful APIs** to fetch and display dynamic job listings, company data, and user profiles.
- Focused on creating a clean, user-centric interface to enhance job search and application workflows.
- Employed reusable components, effective state management with React hooks, and seamless navigation through React Router.
- **Tech Stacks Used :** React, Node.js, Express, Mongo DB, Tailwind CSS

🎓 EDUCATION

Sep 2020 – Jul 2024	**B.E IN COMPUTER SCIENCE** Anna University CGPA: 8.5 / 10.0	Trichy
Mar 2019 – Mar 2020	**HSC** Beula Matriculation Higher Secondary School	Valparai

🧠 SKILLS

Front End Languages & Frameworks
- HTML
- CSS
- Javascript
- React
- Tailwind CSS
- Antdesign
- Bootstrap

DataBase & DataBase Connectivity
- Postgres
- MySQL
- JDBC

BackEnd Languages & Frameworks
- Java
- Spring Boot

Deployment
- Git
- Github
- Vercel
- Netlify

📇 CERTIFICATIONS:

Java Full Stack Development Course by Tap Academy - Bangalore
Completed the 6 months Java Full Stack Development Course in Bangalore. It covers Tech Stacks in HTML, CSS, JavaScript, Core Java, JDBC, Hibernate, Spring Boot, MySQL, DSA.