

# Joshua John Rodrigues

email@joshuarodrigues.dev | joshuarodrigues.dev | github.com/JoshuaJRodrigues

## Skills

---

**Frontend:** HTML/CSS, JavaScript, TypeScript, ReactJs, Redux, Zustand, NextJs, Webpack, Vite, TailwindCss, LESS/SASS, Ant Design.

**Backend:** Node, Bun, Fastify, Express, Elysia, Postgresql, SqlLite.

**Developer Tools:** Git, Docker, VSCode, Google.

## Experience

---

**Software Engineer,** Teknorix Pvt Ltd – Verna, Goa 2021 – Present

- Achieved faster build time by 50% for legacy projects by upgrading bundling process
- 80% increase in feature completion by optimizing development workflows. Strategies included exporting reusable components via npm, utilizing Git submodules, and employing module federation with Webpack
- Architected a three-level permission system and internationalization using Redux state management, significantly enhancing code readability and maintainability
- Achieved a 90% increase in page views through enhanced responsiveness and improved accessibility, ensuring legacy projects seamlessly accommodate mobile usage across all handheld devices.
- Optimized performance of legacy applications through route-based code-splitting, lazy loading, memoization, code clean-ups, and network performance improvements
- Developed a Customer Relationship Management (CRM) system to manage over 90,000 users
- Built a rich text editor with custom track changes, PDF viewer, revision history and comments functionality, enhancing client collaboration
- Built a Knowledge Base system facilitating the organization, storage, retrieval, and dissemination of knowledge within the client organization
- Architected query filters to enhance navigation, search, and filtering capabilities with caching within large user database, resulting in increased operational efficiency
- Implemented pixel-perfect designs, effectively balancing customer needs and performance
- Improved code quality by consistently producing clean, efficient, and well-documented code
- Promoted and enforced coding standards and design patterns
- Maintained an in-house design system and component library within a monorepo environment
- Coordinated with cross-functional teams to meet project requirements and tight deadlines elevating client satisfaction by prompt bug resolution and comprehensive testing practices
- Helped train interns and actively participating in pair programming sessions
- Named 'Upcoming Leader of the Year' and 'Emerging Talent of the Year' for driving innovation and fostering teamwork

## Projects

---

**Kognitive** [github.com/JoshuaJRodrigues/kognitive](https://github.com/JoshuaJRodrigues/kognitive) | [kognitive.vercel.app](https://kognitive.vercel.app)

- Built with ReactJS, TypeScript, Supabase, ChakraUi.
- A cognitive behavioral therapy journaling app, for challenging negative thoughts and emotions.

**Kuzina** [github.com/JoshuaJRodrigues/kuzina](https://github.com/JoshuaJRodrigues/kuzina) | [kuzina.vercel.app](https://kuzina.vercel.app)

- Built with NextJS, Supabase, TypeScript, ShadCn.
- A full-stack kitchen management web app to store kitchen stock, recipes and allow family collaboration for shopping.

## Education

---

**Padre Conceicao College of Engineering** – Bachelor of Engineering in Computers

2021