



YADHUNADH CHEMMARASSERY

Senior Frontend Developer



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Cochin, Kerala, India



LinkedIn



Portfolio



Github



HackerRank



PROFILE SUMMARY

Skilled Frontend professional with strong expertise in creating intuitive and visually appealing user interfaces. Adept at collaborating with teams to deliver high-quality results, adaptable to changing project needs. Proficient in HTML, CSS, JavaScript, ReactJS, Next.js and modern frameworks. Known for problem-solving abilities and commitment to enhancing user experience.



EDUCATION

Diploma In Information Technology

Nettur Technical Training Foundation
Jun 2005 – Jun 2008 | Bangalore, India

Plus Two - Computer Science

S.N Trust Higher Secondary School
Jun 2003 – Mar 2005 | Kannur, Kerala

SSLC

B.E.M.P High School
Jun 2002 – Mar 2003 | Thalassery, kerala



CERTIFICATIONS

Adobe Certified Expert Adobe Commerce
Front-End Developer — Adobe 10/2022-
10/2026

ReactJS Certificate of Excellence — Scaler
02/2025

Getting started with NodeJS — SkillUp
08/2025



TECHNICAL SKILLS

- ReactJS
- Context API, Redux
- Next.js
- Magento UI
- PWA
- JavaScript (ES6+)
- TypeScript
- jQuery
- Ajax, JSON
- HTML5
- CSS3
- CSS-in-JS (Styled Components)
- SASS/SCSS
- TailwindCSS, Bootstrap, MUI
- REST API (Fetch, Axios)
- Asynchronous Data Handling (Promise, Async)
- GraphQL, React Query, SWR
- Microfrontend
- Github, Github Actions, Github Copilot
- CI/CD
- Responsive UI (Media Query, Flex, Grid)
- Performance Optimization
- Search Engine Optimization (SEO)
- TDD/Unit Testing (Jest/RTL)
- Web Accessibility Testing
- Figma, Adobe XD (HTML conversion)
- Agile, Scrum, Jira, Trello
- NPM, PNPM, Webpack, Vite
- Babel, Grunt, Gulp
- Vercel, Netlify, Firebase
- AWS, Render, Railway
- AI/LLM Tools

WORK HISTORY

Feb 2023 – Aug 2025 Remote	Lead UI Developer (Freelance) Yogufruta SCP <ul style="list-style-type: none">Managed the UI development team at Yogufruta, delivering innovative design solutions.Collaborated remotely with technical leads, engineers and designers to create dynamic client-side web applications across diverse business sectors.Created intuitive interfaces to enhance user experience.Enhanced coding practices to improve the sustainability and performance of the user interface.Executed comprehensive testing to guarantee quality UI deliverables.Ensured UI design compliance with client specifications and industry standards during projects. Tech Stack Used: JavaScript, React.js, Vite, Next.js, Context API, Redux Toolkit, JWT, Tailwind CSS, CSS-in-JS, GraphQL, React Query, Jest, RTL, Accessibility Testing, GitHub, Jira, Firebase, Vercel, Netlify, Figma
Sep 2019 – Jan 2023 Kochi, India	Senior UI Developer L2 McFadyen Digital <ul style="list-style-type: none">Coordinated successfully with cross-departmental groups to achieve smooth UI component integration.Optimized UI development through best practices.Delivered high-quality UI on schedule for various projects.Built engaging front-end features, resulting in improved customer experience.Leveraged advanced UI technologies and frameworks to develop responsive designs.Fostered collaborative environment by offering regular mentorship to newcomers. Tech Stack Used: JavaScript, React.js, TypeScript, Vite, Next.js, Redux Toolkit, Context API, JWT, Tailwind CSS + ShadCN UI, CSS-in-JS, GraphQL, React Query, Jest, Accessibility Testing, GitHub, Jira, Webpack, Firebase, Vercel, Figma
Jun 2017 – Aug 2019 Kochi, India	Senior Software Engineer Bridge Global <ul style="list-style-type: none">Directed design initiatives and deployed scalable software solutions, optimizing performance.Worked with various teams to pinpoint and tackle software needs.Executed best practices in software development, achieving an 80% reduction in system errors.Performed comprehensive code audits to uphold superior quality and uniformity.Led the adoption of cutting-edge technologies, maintaining a competitive edge.Enhanced risk priority protocols to guarantee timely project completion. Tech Stack Used: JavaScript, React.js, TypeScript, Next.js, KnockoutJS, Redux Toolkit, Context API, Node.js, MongoDB, Bootstrap, jQuery, CSS-in-JS, Jest, RTL, GitHub, Jira, Webpack, NPM, Vercel, Figma
Dec 2015 – Nov 2016 Kochi, India	Senior Software Engineer Zaimus Technologies

- Key contributor to successful UI integration within PHP applications, maintaining operational consistency.
- Boosted application performance by tackling and resolving integration obstacles.
- Played a key role in developing and implementing integration strategies.
- Maintained rigorous testing and application quality standards.

Tech Stack Used: JavaScript, React.js, KnockoutJS, Redux, Context API, Bootstrap, jQuery, SASS/SCSS, RTL, GitHub, Jira, Webpack, NPM, PHP

Mar 2014 – Nov 2015
Kochi, India

Software Engineer

Muble Solutions

- Optimized and supported scalable services to elevate performance and dependability.
- Applied effective software development strategies to improve code standards and durability.
- Optimized front-end operations with cutting-edge programming technologies.
- Facilitated smooth cooperation between backend services and front-end applications, enhancing user satisfaction.
- Executed rigorous testing and debugging to achieve flawless code delivery.

Tech Stack Used: JavaScript, React.js, Context API, REST API, Bootstrap, Material UI, jQuery, SASS/SCSS, GitHub, Jira, Webpack, NPM, PHP

Jun 2011 – Mar 2014
Palghat, India

Software Engineer

2Base Technologies

- Created and supported web applications utilizing PHP and CakePHP increasing functionality.
- Worked with cross-functional teams to create software solutions aligned with client needs.
- Enhanced codebase, boosting application performance and cutting load times by 0%.
- Engaged in code reviews, ensuring adherence to best practices.
- Facilitated the entire software development lifecycle, from requirements gathering through to deployment and support.

Tech Stack Used: HTML5, JavaScript, jQuery, REST API, SASS/SCSS, Bootstrap, GitHub, Jira, Trello, PHP

Dec 2009 – Jun 2011
Bangalore

Software Engineer

Mantra Technovative InfoSolutions Pvt Ltd

- Developed dynamic web applications using Core PHP, MySQL, HTML, CSS, and JavaScript.
- Designed and implemented beautiful user interfaces for seamless user experience.
- Collaborated with clients for requirement gathering and project discussions.
- Gained strong hands-on experience in full-stack development and startup-level problem-solving.

Tech Stack Used: JavaScript, HTML, CSS, PHP, MySQL, WAMP, FileZilla FTP

PROJECTS DONE

1. BaySupply – Next-Gen E-commerce Marketplace

Industry/Domain: E-Commerce Marketplace

Role: Full-Stack Developer, worked in a small agile team of 4

Key Responsibilities:

- Developed a **responsive e-commerce web app** with product listing, filtering, and cart functionality using **React.js, Next.js, and TypeScript**.
- Built **backend APIs** with **Node.js, Express.js, and MongoDB**, including product catalog management, order processing, and payment integration.
- Implemented **user authentication** with **Firebase Auth** and secure token-based sessions.
- Created **server-side rendering (SSR) pages** for better SEO and faster load times.
- Integrated **GraphQL APIs** for efficient frontend-backend communication.
- Wrote **unit and integration tests** using **Jest**, ensuring robust feature delivery.

Technologies/Tools:

React.js, Next.js, TypeScript, JavaScript, TailwindCSS, Node.js, Express.js, MongoDB, GraphQL, Firebase, AWS (S3, Lambda), Netlify, Vite, Jest, Jira.

Key Achievements:

- **Reduced page load time by 40%** through SSR and component-level lazy loading.
- **Increased checkout conversion by 20%** with optimized cart and payment flow.
- **Enhanced scalability**, handling up to 50k concurrent users using MongoDB indexing and optimized queries.
- **Automated deployment pipeline** using GitHub Actions and Netlify, ensuring daily builds and fast rollback.

Challenges Overcome:

- Optimized **product search queries** in MongoDB to handle thousands of SKUs without latency.
- Integrated multiple **payment gateways** while maintaining security and compliance.
- Resolved **frontend performance bottlenecks** with code splitting and image optimization.

Job Relevance:

- Full-stack expertise with React.js, Next.js, Node.js, GraphQL, and MongoDB.
- Hands-on **cloud deployment and CI/CD** experience.
- Agile development experience with Jira and automated testing.

2. RayJobs – Intelligent Job Board Platform

Industry/Domain: HRTech / Recruitment

Role: Frontend Developer, Agile team of 5

Key Responsibilities:

- Served as **Frontend Developer**, responsible for designing, developing, and deploying a responsive job board platform.
- Implemented **dynamic job listings**, advanced search filters, and candidate-job matching algorithms.
- Developed both **frontend (React.js, Next.js, TypeScript, TailwindCSS)** and **backend APIs (Node.js, Express.js, GraphQL, MongoDB)** for seamless data flow.
- Integrated **Firebase authentication**, enabling secure login for recruiters and candidates.
- Managed **CI/CD pipeline** with **GitHub, Netlify, and AWS**, ensuring rapid deployment and rollback capabilities.
- Wrote **unit and integration tests** with **Jest** to maintain high code quality.
- Coordinated project tasks, bug tracking, and sprint planning using **Jira**.

Technologies/Tools:

- **Frontend:** React.js, Next.js, TypeScript, JavaScript, TailwindCSS, Vite
- **Backend:** Node.js, Express.js, GraphQL, MongoDB
- **DevOps / Cloud:** AWS (S3, Lambda), Netlify, GitHub Actions
- **Authentication / Services:** Firebase Auth, JWT
- **Testing / Project Management:** Jest, Jira

Key Achievements:

- **Enhanced job search speed by 40%** using server-side rendering (SSR) with Next.js and optimized MongoDB queries.
- **Increased candidate engagement by 25%** through real-time notifications using Firebase and WebSockets.
- **Reduced frontend load time by 35%** by implementing code-splitting, lazy loading, and Vite bundling optimizations.
- Successfully **deployed a scalable cloud-based architecture** using AWS Lambda and S3, reducing hosting costs by 20%.
- **Improved API response time by 30%** via GraphQL query optimization and indexing in MongoDB.
- Maintained **99.9% uptime** post-deployment by implementing automated CI/CD pipelines and error monitoring.

Challenges Overcome:

- **Scalability:** Optimized GraphQL queries and implemented pagination to handle large job datasets efficiently.
- **Authentication complexity:** Integrated Firebase Auth with JWT tokens to secure user sessions across multiple platforms.
- **Cross-team coordination:** Standardized Git workflows and sprint tasks in Jira to ensure smooth collaboration among developers, QA, and product managers.
- **Performance bottlenecks:** Resolved slow page loads by lazy-loading heavy components and optimizing images using AWS S3 CDN.

Job Relevance:

- Demonstrated **frontend development expertise** with React.js, Next.js, TypeScript and TailwindCSS.
- Hands-on experience in **cloud deployment and CI/CD pipelines** with AWS, Netlify, and GitHub Actions.
- Strong **problem-solving skills**, including performance optimization, authentication, and real-time features.
- Experience with **agile development, Jira, and unit testing** ensures readiness for modern software development workflows.

3. Z-Tech – Omnichannel Retail Platform

Industry/Domain: Retail / Omnichannel Shopping

Role: Frontend Developer, Remote collaboration

Key Responsibilities:

- Built a **web platform for retail stores**, combining online catalog, inventory management, and order tracking.
- Developed **real-time inventory updates** using **Firebase Realtime Database** and **WebSockets**.
- Implemented **GraphQL APIs** for querying products, orders, and user data efficiently.
- Integrated **AWS S3 for product image storage** and **Netlify hosting** for frontend deployment.
- Conducted **unit and integration testing** with **Jest** for reliability.

Technologies/Tools:

React.js, Next.js, TypeScript, JavaScript, Node.js, Express.js, MongoDB, GraphQL, Firebase, AWS S3, Netlify, TailwindCSS, Vite, Jest, Jira

Key Achievements:

- **Improved inventory accuracy by 30%** with real-time updates and automated stock alerts.
- **Boosted user engagement by 25%** with personalized product recommendations using GraphQL queries.
- **Reduced deployment downtime** to <1% with automated CI/CD pipelines.
- **Optimized database queries**, reducing response times from 1.5s to 0.5s per request.

Challenges Overcome:

- Implemented **real-time stock updates** to prevent overselling during high-demand sales.
- Solved **performance issues** with large product datasets via GraphQL pagination and indexing.
- Ensured **cross-browser compatibility** and responsive UI across devices.

Job Relevance:

- Strong full-stack development skills with React, Next.js, Node.js, and MongoDB.
- Experience with **real-time data handling**, cloud storage, and CI/CD pipelines.
- Practical exposure to **testing, performance optimization, and agile workflows**.

4. FedEx – Modern E-Commerce Platform

Industry/Domain: E-Commerce

Role: Full-Stack Developer, Team of 3

Key Responsibilities:

- Designed and implemented a **multi-vendor marketplace** with product listing, ratings, and checkout flow.
- Developed backend APIs with **Node.js, Express.js, and MongoDB**, enabling vendor management and order tracking.
- Implemented **SSR and SSG pages** with Next.js for SEO-friendly product pages.
- Integrated **Firebase Auth** and **JWT authentication** for both vendors and customers.
- Used **GraphQL** to optimize frontend queries and reduce network payloads.
- Managed project tasks and sprints using **Jira**; maintained code quality with **Cypress** tests.

Technologies/Tools:

React.js, Next.js, TypeScript, JavaScript, Node.js, Express.js, MongoDB, GraphQL, Firebase, AWS (Lambda, S3), Netlify, Vite, Cypress, Jira

Key Achievements:

- **Cut average page load time by 35%** with lazy loading, SSR, and optimized GraphQL queries.
- **Increased vendor onboarding speed by 40%** by implementing streamlined dashboard features.
- **Reduced error rate by 20%** via automated testing and code reviews.
- Successfully **scaled platform** to support 100+ vendors simultaneously with zero downtime.

Challenges Overcome:

- Handled **concurrent vendor updates** to prevent race conditions in database writes.
- Optimized **large GraphQL queries** to avoid slow page rendering.
- Resolved **authentication and session conflicts** for multi-role users (vendor/customer).

Job Relevance:

- Demonstrated **full-stack skills**, cloud deployment, SSR/SSG, and GraphQL optimization.
- Hands-on experience with **multi-role applications**, real-time data handling, and testing.
- **Agile and DevOps exposure** ensures readiness for enterprise-level e-commerce projects.

DECLARATION

I hereby declare that the information provided in this resume is true and correct to the best of my knowledge and belief.



Yadhunadh Chemmarassery