YADHUNADH CHEMMARASSERY

Senior Frontend/Full Stack Developer

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👤 PROFILE SUMMARY

Skilled Frontend/Full stack 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, Node.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

ReactJS Certificate of Excellence — Scaler
02/2025

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

Getting started with NodeJS — SkillUp
08/2025

🧠 TECHNICAL SKILLS

- ReactJS
- Context API, Redux
- Next.js
- KnockoutJS
- Node.js
- Express.js

- JavaScript (ES6+)
- TypeScript
- jQuery
- Ajax, JSON

- HTML5
- CSS3
- CSS-in-JS (Styled Components)
- SASS/SCSS
- TailwindCSS, Bootstrap

- MySQL, NoSQL
- REST API (Fetch, Axios)
- Asynchronous Data Handling (Promise, Async)
- GraphQL, React Query, SWR
- Microfrontend, Microservices

- Github, Github Actions, Github Copilot
- CI/CD
- Responsive UI (Media Query, Flex, Grid)
- Performance Optimization Techniques
- 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

- 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

- Coordinated successfully with cross-departmental groups to achieve smooth LI component integration.
- Optimized UI development through best practices.
- Delivered high-quality Ul on schedule for various projects.
- Built engaging front-end features, resulting in improved custorner 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

- 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 rask 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.
- Exccuted 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.

- 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