Ashish B Thoppil

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Summary

Frontend-heavy Fullstack Engineer with 4.11 years of experience building scalable, accessible and high-performance web applications. Proficient in React, Next.js, TypeScript, Node.js, and modern tooling. Experienced in developing production-ready solutions across SaaS, E-Commerce, EdTech and AI-driven platforms. Strong focus on performance optimization, CI/CD, testing (Jest), and user-centric design. Proven track record of shipping products used by real users from enterprise-grade systems to AI-integrated apps. Skilled in Problem-solving, Communication, Initiative, and Creativity.

Skills

- React
- Next.js
- TypeScript
- JavaScript
- HTML5
- CSS3
- Sass
- Tailwind
- Bootstrap
- MaterialUI
- Storybook
- Node.js
- Express.js
- Python
- REST API
- MongoDB
- MySQL
- JWT Auth
- Docker
- Azure DevOps
- AWS
- Git & Github
- CI/CD pipelines
- Webpack
- Vite
- Babel
- Jest
- Unit Testing
- Performance Profiling
- Lighthouse
- Agile Methodologies
- Open Project
- Jira

Experience

Analyst - Frontend Dev @ Dbiz AI, Kochi, India   Sep 2024 - Jan 2025

- Improved response time of a Retrieval-Augmented Generation (RAG) AI chatbot by 50% by implementing streaming and async optimizations using Vercel AI SDK and Next.js.

- Enhanced application performance and user experience through iterative profiling and code refinement.

- Wrote robust unit tests with Jest, achieving 90%+ coverage and reducing production bugs.

- Collaborated with cross-functional teams in an Agile setup to ship weekly releases.

Software Engineer @ Fingent Global Solutions, Kochi, India   Jul 2022 - Aug 2024

- Designed and implemented scalable backend RBAC systems using Node.js and MongoDB, improving security and user management.

- Led and mentored a team of 2 junior developers, improving delivery speed and code quality through code reviews and knowledge sharing.

- Developed responsive frontend components with React, maintaining design system alignment and accessibility.

- Participated in sprint planning, QA cycles, and client demo presentations.

Software Developer @ Polus Solutions, Trivandrum, India   Jun 2021 - Jul 2022

- Built and deployed over 10 high-impact websites and web apps (eCommerce and EdTech) using React, HTML, CSS, and Tailwind.

- Interfaced directly with international clients to gather requirements and deliver on timelines.

- Mentored a team of 3 developers, improving coding standards and documentation.

Junior System Engineer @ Reizend IT Consultants, Trivandrum, India   Jul 2019 - Aug 2020

- Contributed to UI development, bug fixing, and maintenance in Agile sprints.

- Worked with senior developers on production deployments and backend tasks in PHP and JavaScript projects.

- Gained hands-on experience in real-world project lifecycles and cross-team collaboration.

Projects

RAG Based AI Chatbot
A customizable multi-tenant AI chatbot with a custom knowledge base, capable of streaming chat interactions, which can be integrated into any website in a matter of minutes.
kulfi-ai.com
ATS Resume Scanner
AI based resume scoring and optimization application using OpenAI APIs.
ats-resume-scanner.com
Portfolio 2.0
Personal portfolio website developed using React.js, Framer Motion and deployed using Netlify.
ashishbthoppil.netlify.app

Education

Master of Computer Applications
Mahatma Gandhi University, Kottayam, Aug 2015 - Dec 2018
Bachelor of Computer Applications
Mahatma Gandhi University, Kottayam, May 2012 - Jun 2015

Achievements