Ashish B Thoppil

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Summary

Results-driven Fullstack Engineer with 4.11 years of experience in building scalable and high-performance web applications. Proficient in React, Next.js, TypeScript, Node.js, and modern tooling. Skilled in performance optimization, CI/CD, testing, and user-centric design. Proven track record of shipping products used by real users across various industries.

Skills

- Frontend: React, Next.js, TypeScript, JavaScript, HTML5, CSS3, Sass, Tailwind, Bootstrap, MaterialUI, Storybook

- Backend: Node.js, Express.js, REST API, MongoDB, MySQL, JWT Auth

- Devops & Tools: Docker, Azure DevOps, AWS, Git & Github, CI/CD pipelines, Webpack, Vite, Babel

- Testing & QA: Jest, Unit Testing, Performance Profiling, Lighthouse

- Others: 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% through streaming and async optimizations using Vercel AI SDK and Next.js

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

- Achieved 90%+ unit test coverage with Jest, reducing production bugs

- Collaborated in Agile setup for 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

- Led and mentored a team of 2 junior developers, improving delivery speed and code quality

- 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 using React, HTML, CSS, and Tailwind

- Interfaced directly with international clients for requirements gathering and timely delivery

- 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 on production deployments and backend tasks in PHP and JavaScript projects

- Gained hands-on experience in 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, integrated into any website in minutes.

https://kulfi-ai.com

ATS Resume Scanner

AI-based resume scoring and optimization application using OpenAI APIs.

https://ats-resume-scanner.com

Portfolio 2.0

Personal portfolio website developed using React.js and Framer Motion, deployed using Netlify.

https://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