

Shibi T *Senior Software Engineer*

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SUMMARY

Senior Full-Stack Engineer with 5+ years of experience delivering production web and mobile applications using TypeScript, JavaScript, React, Next.js, React Native, Node.js, GraphQL, C#, PostgreSQL, MongoDB, Firebase, AWS, and GCP. Experienced in owning features end-to-end, troubleshooting customer-facing production issues, improving application performance, and mentoring engineers. Strong experience writing unit and integration tests using Jest, Cypress and building reliable, maintainable application features. Worked on production applications with 10M+ downloads, 10+ OTT websites, healthcare and grocery applications, and cloud-based systems. Currently building hands-on knowledge of LLM, RAG, and MCP-based applications. Expertise in unit test cases and integration test cases

SKILLS

Programming Languages: TypeScript, JavaScript, C#, Python, C++, Ruby

Frontend: React.js, Next.js, React Native, Redux

Backend: Node.js, Express.js, GraphQL, REST APIs, Ruby on Rails, FastAPI

Databases: PostgreSQL, MongoDB, BigQuery, Pinecone

Cloud Services: GCP, AWS, Firebase

DevOps: Docker, Kubernetes, GKE, Terraform, GitHub Actions, Google Cloud Deploy

Testing & Monitoring: Jest, Cypress, Postman, Datadog, Splunk

AI/GenAI: LLM applications, RAG, LangChain, MCP, OpenAI, Dialogflow

Accessibility: JAWS, VoiceOver, WCAG

Tools: Git, Jira, Sanity CMS, Cypress

AI Tools: Copilot, Claude, chatgpt

PROFESSIONAL EXPERIENCE

WhiteBlue Cloud Service, Senior software engineer 11/2025 – 07/2026

- Owned the driver registration screens for a production React Native application delivered for a Philippines-based client.
- Optimized web and mobile screens using React, Next.js, React Native, and Node.js, focusing on measurable user-facing performance improvements.
- Diagnosed customer-facing production issues through Datadog logs and monitoring data; created tickets, traced root causes, and resolved defects.
- Supported a production mobile application with 10M+ downloads.

Hy-vee, Software Engineer II 11/2023 – 11/2025

- Worked within a 9-member engineering team delivering pharmacy and grocery features with Next.js, React Native, C#, and GraphQL, Nodejs and Reactjs.
- Integrated Sanity CMS for dynamic, real-time content management, improving content workflows and enabling faster content updates.
- Designed and shipped frontend and backend functionality, including the multi-vaccine scheduling workflow and supporting APIs.
- Improved accessibility across customer-facing flows by testing with JAWS and VoiceOver and adding unit and integration coverage.
- Connected Sanity CMS to healthcare application flows, allowing content to be updated independently of application releases.
- Mentored 5 team members through onboarding, technical guidance, and code reviews.
- Contributed to Agile ceremonies, debugging, testing, code reviews, and cross-functional delivery.

Gizmeon Technologies, Software Engineer 06/2021 – 11/2023

- Delivered OTT platforms using React, Node.js, PostgreSQL, MongoDB, Firebase, GraphQL, GCP, and BigQuery, contributing to 10+ OTT websites.
- Launched a centralized dashboard for client-specific UI templates, enabling multiple OTT clients to share a common platform while retaining distinct user experiences.
- Designed reusable frontend components and REST/GraphQL APIs for content retrieval and platform integrations.
- Contributed to cryptocurrency wallet functionality as part of the Indeehub platform.

- Optimized OTT websites across frontend and backend layers to improve performance.
- Integrated Zoho SalesIQ, HubSpot, and Zoho Desk, contributing to a 15–20% increase in monthly revenue.
- Implemented customer-engagement chatbot functionality with Google Dialogflow, HubSpot CRM, and Twilio.

Market Simplified, Software Engineer

12/2020 – 06/2021

- Authored API integrations using C++ and Node.js.
- Analyzed server logs to investigate application issues and support production troubleshooting.

SELECTED PROJECTS

Multi-Vaccine Scheduling, Next.js | C# | GraphQL | Jest | Accessibility | ReactJs | NodeJs

- Shipped a multi-vaccine scheduling feature for a healthcare application using Next.js, C#, and GraphQL.
- Validated accessible user flows with JAWS and VoiceOver and expanded unit and integration test coverage.

Healthcare Mobile Application, React Native | Ruby on Rails | Sanity CMS | GROQ

- Authored a Ruby on Rails endpoint from scratch to retrieve dynamic healthcare content from Sanity CMS using GROQ queries.
- Connected the REST endpoint to a React Native application; contributed to the mobile application performance and received a Spot Award for exceptional performance.

CI/CD Pipeline, Node.js | Kubernetes | GKE | GitHub Actions | Cloud Deploy | Terraform

- Designed a CI/CD pipeline for a Node.js application using Kubernetes/GKE, GitHub Actions, and Google Cloud Deploy.
- Automated infrastructure provisioning and configuration using Terraform.

OTT Content Management Platform, React | Node.js | PostgreSQL | MongoDB | Firebase | GraphQL | GCP | BigQuery

- Centralized OTT content management through a CMS serving multiple client platforms.
- Architected reusable functionality supporting 10+ OTT websites with client-specific UI templates and REST/GraphQL content APIs.

AI / GenAI Learning Projects, TypeScript | OpenAI | LangChain | Pinecone | MCP

- PDF Smart Reader: Prototyped a RAG learning project that answers questions from uploaded PDFs using LangChain, Pinecone, TypeScript, and OpenAI.
- AI-Powered MCP Server: Prototyped an MCP server for a hotel-management use case and experimented with natural-language retrieval of booking and revenue information.

EDUCATION

B.Tech Computer Science & Engineering,, Government Engineering College Palakkad

2016 – 2020

CGPA 8.8

AWARDS

Spot awards for performance and contributions

Recognized for quick learning and contributions, showcased through multiple spot awards for performance in key projects

Best Project Award, CSE 2016-2020 Batch Issued by GEC Palakkad · Dec 2021

This innovative undertaking aims to accurately prognosticate plant diseases through the analysis of leaf images. Moreover, the project will offer comprehensive solutions, encompassing both organic and chemical approaches, to effectively mitigate the identified issues.

COURSES

Ruby on Rails, Jest, Next Js, GraphQL and React Native Courses

Courses on Ruby on Rails, Jest, Next.js, GraphQL, and React Native

Attended **Build with AI 2026** – IO+AI Mashup hosted by GDG Cloud Kochi at Kerala Startup Mission.