

SHREYAS M BALAPPANAVAR

Full Stack Developer

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Summary

Senior Full Stack Developer (~6 years) architecting scalable solutions with **React**, **Next.js**, **Node.js**, and **AWS**. Expert in performance optimization, and robust API design in Agile environments.

Education

KLS GOGTE INSTITUTE OF TECHNOLOGY

Bachelor of Engineering in Computer Science

Aug 2015 – May 2019

7.8 CGPA

Projects

The Fourth Move | *React, Vite, TailwindCSS, Shadcn UI*

🌐 Live App

- Reimagined Tic-Tac-Toe by programming a custom board-shifting algorithm to prevent stalemates, featuring a fluid, type-safe UI built with Shadcn, **Framer Motion**, and **Zod**.

Odyssey | *Next.js, TypeScript, TailwindCSS*

🌐 Live App

- Built a responsive, minimalist trekking community platform enabling users to explore destinations and share reviews across all devices.

Experience

I have majorly contributed to the following products/services:

- AAA Insurance Portal: A consumer-facing platform streamlining the insurance quote-to-policy journey for users.
- Fable: Sainsbury's open-source Design System for consistent, high-performance UIs aligned with Figma.
- Banking Suite: A digital banking interface designed to handle complex financial workflows, and secure user interactions for enterprise banking customers.

Brillio

Oct 2023 – Present

Senior Engineer

Bengaluru, Karnataka

- Architected and built the entire frontend from scratch using **Next.js**, **TypeScript**, and **Shadcn**, integrating **Redux Toolkit** and **TanStack Query** for scalable state management.
- Secured protected routes by implementing **Clerk** authentication with **OAuth** and email support.
- Leveraged **Server-Side Rendering (SSR)** and performance optimizations to enhance **SEO** and reduce page load times by 9%, decreasing bounce rates.
- Delivered an end-to-end MVP for a next-gen POS system targeting the US market, integrating **Next.js** for the storefront and **Supabase** for backend services.
- Automated the i18n translation workflow by creating **Node.js** scripts that integrate with the **Google Sheets API**.

TCS

Dec 2022 – Oct 2023

Senior Engineer

Bengaluru, Karnataka

- Engineered modular components for Fable distributed as an **NPM package** using React, TypeScript, and **Storybook**.
- Architected a **Micro Front-end** architecture using **Webpack Module Federation**, allowing independent team deployments and reducing monolithic build times.
- Developed scalable microservices using **NestJS** and TypeScript, creating efficient APIs to support the Front-end.
- Implemented a new theme for Fable using Next.js, Redux Toolkit for state management, and i18n for translations.

Infosys Ltd

Oct 2019 – August 2022

Senior Software Engineer

Bengaluru, Karnataka

- Implemented a scalable web interface, transforming Figma designs into pixel-perfect code while enforcing strict architectural and linting standards.
- Built responsive user interfaces using **React** and **Redux**, ensuring code quality through **Jest** unit testing.
- Built and maintained robust RESTful APIs using **Express.js** and **MongoDB**, handling efficient data persistence and retrieval.

Skills

Technologies - HTML, CSS, SCSS, JavaScript, TypeScript, Node.js, GraphQL, MongoDB, MySQL, Shell, SEO

Libraries/Frameworks - React, Next.js, Tailwind, Framer Motion, Shadcn, Express.js, NestJS, React Query, Redux, ZOD

Cloud/DevOps - AWS (EC2, S3, Lambda), Docker, Vercel, CI/CD, GitHub Actions

Tools - Git, Webpack, Postman, Figma, Jira, Cursor, VS Code, GitHub Copilot

Professional - System Design, Microservices, Agile/Scrum, Mentorship, Collaboration, Technical Leadership