

GOBIND SINGH MATHAROO

Software Development Engineer

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PROFESSIONAL EXPERIENCE

Software Development Engineer (Full Stack)

Optimeleon AI

July 2025 – Present

- Full-stack engineer on an AI-driven CRO platform delivering personalized web variants at scale using React and Node.js, leveraging frontend caching strategies and efficient data fetching across frontend and backend systems.
- Re-architected and optimized the monorepo by separating apps, shared UI, and data layers, enabling independent builds and ~15–20% faster build cycles.
- Built backend APIs and core database workflows using NestJS / Express with Prisma, supporting critical product and internal service flows.
- Improved frontend performance and stability through optimized rendering, client-side caching, and routing migration from App Router to Pages Router for better system compatibility.

Software Development Engineer (Frontend)

Bajaj Finserv Health

December 2024 – July 2025

- Led frontend development of internal portals for hospital-side insurance workflows, including agent-assisted discharge experiences.
- Built and shipped a major portal end-to-end, owning UI architecture, state management, and collaborating closely with backend, DevOps, and product teams.
- Consolidated multiple frontend projects into an Nx-based monorepo, reducing duplicate code by ~20% and improving developer experience via Webpack, HMR, and linting.

Associate Software Development Engineer (Frontend)

Bajaj Finserv Health

July 2023 – December 2024

- Migrated frontend architecture from monolith to micro-frontends, improving scalability, release velocity, and overall system maintainability.
- Reduced JS bundle size by ~45% using code splitting, lazy loading, and tree shaking, applying data structures and algorithmic thinking to improve performance and scalability.

SDE Intern (Frontend)

Bajaj Finserv Health

January 2023 – July 2023

- Built scalable frontend components using Next.js, TypeScript, and Emotion, created a themeable design system, and improved Lighthouse/Web Vitals from ~35 to ~90 using Chrome DevTools profiling.

PROJECTS

Health Risk Assessment (HRA)

- A CMS-Strapi based solution to create and manage multiple assessments independent of FE release cycle.
- Implemented a generic FE solution emphasising on reusability and reduced lines of code by 50%.

Kami-Ui

- Open-source, TypeScript-based React UI component library focused on reusable, styled components with a modular architecture for scalable and consistent interfaces.

Use Easy Google Form

- a React hook for mapping Google Forms fields to React components, and a [Chrome extension](#) that auto-generates ready-to-use React code from Google Forms pages.

Education

Bachelor of Technology in Computer Science and Engineering

SRM Institute of Science and Technology,
Chennai, Tamil Nadu
8.9 CGPA

12th Standard ISC Board

Methodist High School
Kanpur, Uttar Pradesh
69.5%

Tech Stack

React, Next.js, TypeScript, Node.js, JavaScript (ES6+), NestJS, Express, Prisma, Turborepo, Nx, Webpack, HTML, CSS, Emotion, REST APIs, Git, Docker, CI/CD