

# Gobi Shanthakumar

Markham, Ontario, Canada | 647-299-0439 | gobishanthan04@gmail.com | github.com/GobiShanthan | linkedin.com/in/gobi-shanthakumar-1749381b1 | Authorized to work in Canada

## SUMMARY

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Full Stack Software Developer with experience building web applications, APIs, dashboards, admin platforms, developer tools, desktop applications, and full-stack business software. Skilled in React, Next.js, TypeScript, JavaScript, Node.js, Express, MongoDB, REST APIs, Electron, Redux Toolkit, Tailwind CSS, Material UI, Firebase, and Git. Experienced working across frontend, backend, desktop runtime, authentication, API integrations, real-time features, and production support. Comfortable working independently or in team environments, turning business requirements into working software, debugging production issues, and learning new technologies quickly.

## EDUCATION

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### General Assembly Canada

*Software Engineering Immersive, Completed intensive software engineering training focused on full-stack web development., Built projects using JavaScript, React, Node.js, Express, MongoDB, APIs, Git, and modern software development workflows.* Jul 2022 – Oct 2022

## EXPERIENCE

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### Software Engineer

Torram | Contract Full-Time

Nov 2024 – May 2026

Toronto, Ontario, Canada / Remote

Contracted through Canadian Fintech Research Institute, an applied AI and fintech research firm helping businesses build and deploy frontier technology.

- Developed full-stack features across React, Next.js, TypeScript, Node.js, and Go.
- Built tools for issuing, transferring, and reading TSB token state.
- Created API integrations using Torram's Cosmos-style API layer.
- Built dashboards, explorers, and demo Next.js API servers for developers and internal teams.
- Integrated wallet flows, indexers, signing logic, and validation workflows.
- Worked across frontend, backend, SDK, and infrastructure layers in a fast-moving startup environment.
- Helped support developer-facing tools, internal testing workflows, and technical implementation work.
- Technologies: React, Next.js, TypeScript, JavaScript, Node.js, Go, APIs, Bitcoin, SDKs, wallet integration, blockchain infrastructure

### Full-Stack Software Engineer

SignCast Media | Permanent Full-Time

Mar 2023 – Nov 2024

Markham, Ontario, Canada / On-site

Built and maintained a full-stack digital signage and interactive kiosk platform used for managing screens, media, layouts, schedules, and device behavior.

- Developed React and Next.js admin interfaces for managing organizations, projects, layouts, media, scheduling, and device settings.
- Built and maintained Electron-based touchscreen applications for Windows and macOS kiosk deployments.
- Implemented dynamic JSON-driven layout rendering with reusable components for galleries, maps, carousels, cards, navigation, filters, and custom content.
- Integrated media libraries, Firebase asset handling, Mapbox, authentication, scheduling logic, and device control features.
- Worked across frontend, backend, desktop runtime, and production support for real-world deployed screens.
- Debugged production issues, improved UI reliability, and supported ongoing platform stability.
- Helped improve internal workflows for managing deployed screens, media assets, and customer-facing kiosk experiences.

- Technologies: React, Next.js, JavaScript, TypeScript, Node.js, Express, Electron, MongoDB, Redux Toolkit, Tailwind CSS, Material UI, Firebase, Mapbox, Stripe

## Volunteer Frontend Developer

Dec 2022 – Dec 2024

8Billionminds | Contract Part-Time / Volunteer

Remote

- Contributed frontend updates and responsive interface improvements using HTML, CSS, and JavaScript.
- Supported UI maintenance, styling fixes, and page-level improvements.
- Worked in a collaborative environment using Agile-style development practices.
- Gained additional real-world experience contributing to a mission-driven software platform.
- Technologies: HTML, CSS, JavaScript, Agile Methodologies

## Full Stack Developer

Nov 2022 – Jun 2023

Simpeto | Contract Part-Time

Toronto, Ontario, Canada / Remote

Worked on team-based full-stack projects using React, Next.js, Redux Toolkit, Tailwind CSS, Material UI, Node.js, Express, Firebase, MongoDB, PostgreSQL, and JWT authentication.

- Built full-stack application features using React, Next.js, Node.js, Express, Firebase, and MongoDB.
- Developed frontend interfaces with Redux Toolkit, Material UI, Axios, JavaScript, HTML, and CSS.
- Built backend APIs with token-based authentication and authorization.
- Contributed to Take One Films App, a CRUD application for employee availability, dispatcher filtering, and production scheduling workflows.
- Helped build features allowing dispatchers to filter workers by status, address, travel time, occupation type, job position, work history, and custom administrator notes.
- Worked in team-based projects using Jira and Agile methodologies.
- Technologies: React, Next.js, Redux Toolkit, Tailwind CSS, Bootstrap, Material UI, JavaScript, HTML, CSS, Axios, Node.js, Express, Firebase, MongoDB, PostgreSQL, JWT, JSON

## Full-Stack Developer

Nov 2022 – May 2023

PRO EVOLUTION WELLNESS | Freelance

Toronto, Ontario, Canada / Remote

Built a full-stack MERN application with token-based authentication, authorization, and a dedicated CMS/admin section.

- Developed frontend features using JavaScript, CSS, React, React Router DOM, and Firebase.
- Built backend functionality using Node.js, Express, Mongoose, MongoDB, and Firebase.
- Created CRUD functionality for owner and admin users through a dedicated admin dashboard.
- Collaborated with developers and UI specialists using Slack and Trello.
- Participated in weekly developer and client meetings to review progress, plan features, and support delivery.
- Designed ERDs and planned application structure using Lucidchart.
- Helped plan features needed to support customer fulfillment and admin management workflows.
- Technologies: React, JavaScript, CSS, React Router DOM, Node.js, Express, MongoDB, Mongoose, Firebase, Figma, Trello, Lucidchart, GitHub

## Web Developer

Oct 2021 – Dec 2022

WebFxNow | Freelance

Markham, Ontario, Canada

Worked on full-stack MERN applications for a range of clients and services.

- Built mobile-responsive MERN applications using React, Node.js, Express, MongoDB, Redux, and authentication workflows.
- Developed SV House of Fashion, a full-stack e-commerce-style application with Redux Toolkit, authentication, authorization, email password reset, and Stripe integration.
- Developed Pizza Neapolitan, a full-stack responsive application using Redux, Redux Thunk, authentication, authorization, Socket.IO, styled-components, and framer-motion.
- Built reusable frontend components, responsive layouts, backend APIs, and client-facing features.
- Supported client requirements, bug fixes, and feature improvements across multiple web projects.
- Technologies: React, JavaScript, Node.js, Express, MongoDB, Redux, Redux Toolkit, Redux Thunk, Socket.IO, styled-components, framer-motion, Stripe, Google APIs, HTML, CSS

## TECHNICAL SKILLS

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**Frontend:** React, Next.js, TypeScript, JavaScript, HTML, CSS, Tailwind CSS, Material UI, Bootstrap, styled-components, React Router DOM, Redux, Redux Toolkit, Redux Thunk, TanStack Query, Axios

**Backend:** Node.js, Express.js, REST APIs, API integrations, authentication, authorization, JWT, OAuth, Mongoose, WebSockets, Socket.IO

**Databases:** MongoDB, PostgreSQL, SQLite, Redis, Firebase

**Desktop / Runtime:** Electron, Windows kiosk applications, macOS kiosk applications

**Cloud / Tools:** Git, GitHub, Docker basics, Firebase Storage, Supabase, Clerk, Vercel, Trello, Jira, Figma, Lucidchart

**Other:** Admin dashboards, CMS systems, e-commerce features, Stripe integration, Google APIs, Mapbox, PDF export, real-time updates, responsive design, Agile methodologies

## CORE STRENGTHS

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- Full-stack web application development - React, Next.js, and modern frontend development - Node.js, Express, REST API development - MongoDB and database-driven applications - Authentication, authorization, and user access flows - Admin dashboards and CMS-style platforms - Electron desktop and kiosk application development - Debugging, troubleshooting, and production support - Comfortable working independently and in small teams - Fast learner with practical startup, freelance, and client-facing experience