

Jariwala Sujal

Gujarat, India

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SUMMARY

Engineer with demonstrated expertise in full-stack development leveraging TypeScript, React, AstroJs and Go for building modern web applications. Proven capability in architecting systems that combine static site generation with interactive client-side components, supported by RESTful APIs and Redis for caching and asynchronous task queues. Strengthened frontend performance through advanced bundle optimization and loading efficiency improvements.

PROJECTS

Resume Builder Web App | *Astrojs, Reactjs, Golang, Redis, Postgresql, typescript* **Ongoing**

- Engineered a Redis-backed asynchronous job queue for PDF generation, caching finalized resumes to reduce duplicate processing and enabling sub-second retrieval for 95% of user requests.
- Built a secure RESTful API in Golang with PostgreSQL for resume data persistence, implementing parameterized queries and transaction management to prevent injection attacks and ensure data consistency across concurrent user sessions.
- Designed a dual-architecture approach using Astro.js server-side generation for non-interactive marketing pages while isolating the dynamic resume editor within a React island, accelerating first paint by 40% and reducing bounce rate on landing pages.
- Architected a decentralized state management layer using Jotai atoms to isolate each resume section's data, preventing cascading re-renders during real-time edits.

EXPERIENCE

Software Engineer – **Resuvo** **February 2026 – Present**
Remote

- Reduced initial React bundle size from 1.5 MB to under 500 KB by implementing code splitting and dynamic imports, accelerating load time for the interactive resume editor.
- Designed and deployed a Redis caching layer for backend API responses handling resume data, offloading repeated database queries to reduce latency and improve system throughput.
- Engineered Redis-backed job queues to handle asynchronous task processing, decoupling heavy operations from the request-response cycle.
- Elevated Lighthouse performance score for static pages from 71 to over 90 on both mobile and desktop by leveraging Astro's static site generation and optimizing asset delivery.
- Architected a RESTful API layer in Golang to manage CRUD operations for resume data, establishing a reliable interface between the frontend editor and backend storage.
- Selected AstroJS for static page generation and React for the interactive editor, establishing a hybrid architecture that balanced SEO requirements with dynamic functionality.

CERTIFICATES

Go Bootcamp – **Udemy** **April 2026**

- Developed core proficiency in designing and implementing RESTful APIs using Go, covering request routing, handler functions, and JSON serialization.
- Acquired foundational understanding of gRPC framework principles, including protocol buffers and remote procedure call architecture, for building efficient inter-service communication patterns.
- Acquired foundational understanding of concurrency and parallelism in Go, differentiating between goroutines and parallel execution models to inform future application design for scalable systems.
- Built foundational knowledge of Go's html/template package, including syntax, template composition, and data injection, to support dynamic content rendering in web applications.
- Acquired foundational knowledge of Go's core language constructs, including syntax, data types, and control structures, to support application development.

SKILLS

Frontend Development: html5, css3, javascript (es6+), react, astrojs, typescript, git, responsive design, npm/yarn, webpack, rest apis, browser devtools

Backend development: golang, sql, nosql, restful apis, git, docker, vps, ci/cd, unit testing, redis, caching, queues

EDUCATION

Indus University
Bachelor Of Engineering - Computer Science engineering

2028
Ahmedabad, India