

Giftson Singh S

Senior Backend Engineer | FullStack Developer

 +91-9884997257 |  giftsonsingh1@gmail.com |  Chennai, India

Professional Summary

Senior Backend & Full Stack Engineer with 6+ years of experience designing and building scalable web applications, distributed systems, and cloud-native solutions using **Golang, Node.js, React.js, TypeScript, and AWS**.

Currently working at **GoGuardian** on the Discover product, developing and enhancing large-scale education technology platforms with a focus on backend services, AI-powered features, performance optimization, and delivering reliable, high-quality user experiences.

Previously worked for 3 years at **Qube Cinema**, contributing to large-scale cinema content delivery platforms that support nationwide theatre networks. Gained extensive experience in backend architecture, REST API development, AWS cloud infrastructure, deployments, monitoring, production support, incident management, root cause analysis, and building highly reliable distributed systems.

Earlier, worked for 3 years at **Avasoft**, developing enterprise and e-commerce applications with responsibilities spanning full-stack development, client interaction, solution design, architecture ownership, and technical leadership.

Backed by an **MBA in Business Analytics**, combining strong technical expertise with business acumen, stakeholder communication, leadership, and strategic decision-making. Recognized for an ownership mindset, problem-solving ability, and delivering scalable, maintainable solutions in fast-paced production environments.

Key Skills

Backend Technologies: Golang, Node.js, gRPC, REST APIs, Microservices

Frontend Technologies: React.js, HTML, CSS, Material UI

Databases: PostgreSQL, MySQL, DynamoDB, SQL Server

Cloud Platforms: AWS (EC2, S3, RDS, Lambda, CloudWatch), Azure

CI/CD: GitLab CI/CD, Jenkins

Version Control: GitHub, GitLab, TFS

Architecture & Concepts: System Design, Distributed Systems, High Availability, Scalability, Performance Optimization

Professional Experience

GoGuardian

Senior Software Engineer

2026 – Current

- Developed a new AI-powered dashboard using Google Gemini and backend services to analyze users' natural language queries (NLQ) and generate intelligent responses.
 - Resolved UI accessibility issues to support compliance and certification requirements, improving overall usability and accessibility.
 - Fixed critical production bugs and performed code refactoring/cleanup to enhance application stability, maintainability, and code quality.
-

Qube Cinema Technologies

Senior Backend Engineer / Full Stack Developer

2022 – 2026

- Working on large-scale cinema content delivery systems deployed across thousands of theatres.
 - Designing and developing high-performance backend services and APIs using Golang and Node.js.
 - Responsible for system architecture, service integrations, and deployment strategies.
 - Managing AWS infrastructure including monitoring, scaling, and production stability.
 - Handling on-call support, production incidents, RCA, and permanent fixes.
 - Collaborating with operations and business teams to ensure uninterrupted cinema operations.
 - Leading delivery ownership and participating in technical decision-making.
-

Avasoft (AVA Software)

Senior Software Engineer / Team Lead

2019 – 2022

- Led development of enterprise-grade web and e-commerce applications.
 - Built scalable systems using Node.js, React.js, Golang, and PostgreSQL.
 - Played key role in architecture design, client discussions, and requirement analysis.
 - Mentored developers, allocated tasks, and ensured timely delivery.
 - Worked directly with US clients and handled multiple concurrent projects.
-

Key Projects

CinemaContentDelivery Platform – Qube Cinema

- Architected backend services responsible for secure content distribution to theatres.
- Implemented scalable APIs and background processing services.
- Designed monitoring and alerting mechanisms for production reliability.
- Supported 24/7 theatre operations through proactive incident handling.

RACPAD – Retail Enterprise Platform (Rent-A-Center, USA)

Role: Team Lead / Architect

Technologies: Node.js, React.js, PostgreSQL, Material UI

- Enterprise retail system handling sales, inventory, agreements, and reporting.
 - Led a 30-member team and handled full project ownership.
 - Designed backend APIs and frontend architecture.
 - Worked directly with client stakeholders for requirement finalization.
-

Acima Marketplace & Order Fulfillment System

Role: Team Lead

Technologies: Golang, Next.js, Strapi CMS, PostgreSQL

- Designed and developed MVP under R&D initiative.
 - Built Golang-based web scrapers deployed in containerized environments.
 - Led complete product architecture and enhancements.
 - Supported a revenue-generating e-commerce platform.
-

Acima Chrome Extension

Role: Team Lead

Technologies: JavaScript, HTML, CSS, .NET Web API

- Led R&D project evolved into a million-dollar revenue product.
 - Integrated 100+ retailers through browser extension.
 - Managed continuous version upgrades and production support.
-

Education

- **MBA – Business Analytics**, SRM University, Chennai
 - **B.E – Computer Science Engineering**, Panimalar Institute of Technology, Chennai
-

Certifications & Strengths

- Strong problem-solving and analytical skills
 - Leadership and stakeholder communication
 - High ownership and accountability
 - Ability to handle critical production environments
-

Notice Period: As per company policy

Preferred Roles: Senior Backend Engineer | Lead Engineer | Technical Lead