S. Jeston Singh

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Professional Summary

Backend Engineer with 2+ years shipping production features end-to-end. Distinguished GitLab open source contributor (top contributor 4 consecutive weeks, 15+ merged MRs). Expert in feature ownership from clarification through delivery and production follow-up. Proficient in Go, TypeScript, Node.js; designing maintainable, observable, secure APIs; database optimization; comprehensive testing; and async team collaboration. Experienced with AI coding tools for daily productivity.

Technical Skills

Languages: Go, TypeScript, Node.js, Python, Java, JavaScript, Bash, SQL
Frameworks: Express.js, Spring Boot, Hono, FastAPI; Docker, Cloudflare Workers
API Design: RESTful APIs, GraphQL, gRPC, OAuth 2.0, JWT, rate limiting, modular monoliths
Databases: PostgreSQL (schema evolution, indexing, optimization), MongoDB, Redis caching
Testing Unit: (Jest, JUnit), integration, end-to-end, contract testing, security testing
DevOps: Docker, Kubernetes, Helm, AWS (EC2, S3, Lambda, RDS), GitHub Actions, GitLab CI
Observability: Prometheus, Grafana, CloudWatch, structured logging, metrics, traces, MTTR
Practices: Feature ownership, code review, async communication, AI tools (Copilot, Claude)

Professional Experience

Software Development Engineer March 2026 – Present
Updot Solutions Bangalore, India

- Owned backend features end-to-end: designed modular Go/Hono microservices on Cloudflare Workers achieving <50ms latency; wrote unit + integration tests (85%+ coverage) ensuring production reliability
- Built REST APIs handling 10K+ concurrent connections; optimized PostgreSQL through indexing eliminating N+1 queries (95% reduction); reduced MTTR by 60% via Prometheus + Grafana observability
- Collaborated asynchronously across product, frontend, and infrastructure teams; shipped 12+ features on schedule using clear design docs and deliberate code review culture

Full Stack Software Developer July 2025 – March 2026
WellVantage Gurugram, India

- Owned production Node.js microservices handling 15K+ req/min at 99.8% uptime; designed OpenAPI-documented APIs reducing integration friction by 50%; built JWT auth, migrations, and background job systems
- Implemented OAuth 2.0, rate limiting, OWASP best practices securing system (zero incidents); debugged distributed failures across DB/cache/queue layers; wrote runbooks preventing recurring issues
- Reviewed code for security, performance, and maintainability; mentored junior engineers on backend fundamentals, testing patterns, and production ownership mindset

GitLab Open Source Contributions

Portfolio: sjestonsingh.gitlab.io | **Handle:** @sjestonsingh | **Top Contributor (4 weeks)** | **50+ Merged MRs**

PostgreSQL Query Optimization for CI/CD Metrics Merged

- Optimized N+1 queries using window functions + composite indexes; improved execution from 2.8s → 380ms (86% improvement) benefiting 50K+ daily active users
- Added comprehensive test coverage validating edge cases; documented performance metrics in MR description

Modular API Gateway Service for Authentication Merged

- Designed isolated Go microservice handling OAuth 2.0 with bounded context isolation; reduced coupling across 8+ services by 60%; implemented circuit breaker achieving 99.95% uptime

Distributed Cache Layer for API Responses Merged

- Built Redis-backed caching using cache-aside pattern; reduced DB load by 70%, improved p99 latency from 850ms → 120ms; documented cache strategy enabling team extension

Education

Bachelor of Technology in Computer Science Expected: Sept 2026
Vellore Institute of Technology, AP

Achievements & AI Fluency

AI Tools: Daily use of GitHub Copilot + Claude for code generation, testing, documentation, debugging; skilled at validating output and correcting hallucinations. **Achievements:** Smart India Hackathon Winner | MSME National Ideathon | 50+ Open-Source Contributions | GitLab Top Contributor | Community Featured