

PRAVESH GOYAL

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Experienced Backend Engineer with a proven track record of delivering scalable and reliable systems for high-impact applications. As the founding backend engineer at TykeInvest, I've played a key role in building and scaling production-grade systems serving 30,000+ active users. Skilled in Golang, Node.js, and cloud technologies, with 4 years of hands-on experience translating business requirements into efficient technical solutions. A strong team player passionate about launching new projects, optimizing backend performance, and continuously learning to stay current with evolving technologies and industry trends.

Skills

Backend - Golang | NodeJs

Databases - MongoDB | PostgresQL | Redis

Cloud & DevOps - Cloud Computing | AWS | Docker | RabbitMQ

Work Experience

<u>Tyke Technologies Private Limited</u> Software Developer	Mar'22 - Present Gurgaon
<ul style="list-style-type: none">Designed and led the P2P investor flow as a dedicated microservice in Golang, leveraging gRPC for internal service communication and REST APIs for NBFC integrations. Utilized goroutines for concurrent processing, context for managing request lifecycles, and implemented structured logging, retry logic, and error handling to ensure reliable and seamless investment operations.Implemented secure authentication and authorization, using HTTP cookies, JWT tokens, and custom auth middleware. Integrated Redis and AWS Cognito to enhance session management and identity control.Collaborated in the successful migration of legacy NodeJS backend code to Go lang, resulting in a substantial reduction 50% in memory usages and api response timeSpearheaded the KYC flow, integrating third-party providers via REST. Designed secure data models using PostgreSQL for relational data and MongoDB for unstructured vendor responses, resulting in a 50% reduction in user onboarding time while maintaining compliance and scalability.Architected a microservice for Signing flow, integrating third party vendors, handling asynchronous workflows using RabbitMQ, AWS Lambda and CloudWatch scheduled events (Crons), leading to 30% improvement process automation.Integrated escrow and in-app wallet flows, building full payment pipelines from scratch using Juspay, Tazapay, Cashfree SDKs, with tight validation and transactional safety.	
<u>SurveySensum</u> Software Developer	Jul'21 - Mar'22 Gurgaon
<ul style="list-style-type: none">Led the integration of an Outlook Add-In using Microsoft Open API, enabling seamless embedding of surveys directly within email clients. This enhancement improved survey reach and visibility for 40% of active clients, significantly boosting engagement and response rates.Managed the Payments Module, integrating with Stripe, and optimized the process to reduce payment failures by 10%.	
<u>SurveySensum</u> Software Developer Intern	Dec'20 - Jul'21 Gurgaon
<ul style="list-style-type: none">Integrated a third-party vendor and optimized the data processing engine to handle large datasets in real time, significantly reducing processing time and improving system throughput.Contributed to the text analytics module, enabling faster insights extraction and enhancing overall response time for high-volume workloads.	

Certification

Microsoft Certified Azure Fundamentals AZ-900
Official certification demonstrating foundational knowledge of Azure cloud services, including core concepts, pricing, governance, and Azure architecture.

Projects

WcGo

Developed a custom WC (Word Count) tool in Golang, enabling users to count bytes, lines, words, and characters from files or input streams. The tool efficiently processes input via both file reading and stdin, demonstrating strong Go proficiency in file handling, concurrency, and stream processing.

Education

Chitkara University	2017 - 2021
B.Tech (CSE) - 9.0 CGPA	Chandigarh
D.A.V. Public Sr. Sec. School	2016-2017
12th (Science) - 92%	Kotkapura