

Vishnu R

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SUMMARY

Developer focused on shipping products quickly while building systems that scale. I write code that works reliably as usage grows. Work best in fast-moving product teams with short shipping cycles that get features to users fast. Looking for environments that prioritize speed.

EXPERIENCE

Full Stack Engineer

2024 – Present

Dgymbook

Remote

- Architected **4+ core platform modules** for enterprise gym management system serving **5,000+ active users**
- Led production-grade database migrations and system optimizations achieving **99.7% uptime** with **40% performance gains**, reducing query response time from **800ms to 480ms**
- Engineered BigQuery data pipeline reducing log processing overhead by **60%**, handling **100K+ events daily**
- Built comprehensive integration platform connecting **3+ third-party services** and automating **85% of workflows**, saving **20+ hours weekly** in manual operations
- Delivered **8 critical feature overhauls** with seamless legacy system adaptation ensuring **100% backward compatibility** across **3 API versions**
- Maintained custom biometric device driver through protocol analysis, processing **100K+ daily check-ins**
- Collaborated with mobile development team to reduce client-side state complexity by **30%** and improve response times by **45%** (1.2s → 660ms), while co-mentoring **2 junior engineers** through cross-platform **code reviews**, resulting in **25% productivity gain** and **20% fewer bugs**

PROJECTS

FlashInvite - Automated Creator Monetization Platform | *Express.js, PostgreSQL, BullMQ*

2025

- Architected and deployed scalable SaaS platform serving **1k+ daily visitors**, engineering payment processing infrastructure handling **1k+ monthly transactions including automated payouts** with **99.9% success rate**
- Engineered high-performance job orchestration system leveraging BullMQ and Redis-based caching to bypass third party API rate limits, enable horizontal scaling for **1000+ concurrent users**, maintain **sub-1000ms response times**, and automate workflows including **1000+ monthly invoices** and **5000+ member lifecycle events**
- Spearheaded user engagement optimization by designing gamified wallet ecosystem with multi-tier circular referral algorithms, achieving **40% retention improvement**)
- Built automated settlement engine integrating Cashfree APIs with custom transaction reconciliation logic, processing **1K+ monthly settlements** while reducing payout latency from **7 days to 24 hours**
- Reduced infrastructure costs by **30%** through intelligent caching strategies and automated resource management

FREELANCE PROJECTS

Viscape.ai - Visa Booking Platform | *T3 Stack, tRPC, Prisma, NextAuth*

2024

- Built comprehensive visa booking platform for travel agencies serving **10+ agency partners**
- Built a custom ML OCR pipeline fine-tuned for visa documents (passports, itineraries, financial proofs), reducing manual entry by **80%** and achieving **95%+ accuracy** across **1000+ weekly documents**

EDUCATION

Mahatma Gandhi University

Kochi, Kerala

Bachelor of Computer Applications

July 2020 – May 2023

TECHNICAL SKILLS

Languages: TypeScript, JavaScript, Java

Frontend: HTML, CSS, React, Next.js, Tailwind CSS

Backend: Node.js, Express.js, Hono, tRPC, gRPC, WebSockets, Socket.IO, Bun

Databases & ORM/ODM: PostgreSQL, MySQL, MongoDB, Prisma, Drizzle, Mongoose

Cloud & DevOps: AWS, Google Cloud Console, Docker, BullMQ

Additional: Microservices Architecture, API Design, System Integration, Hardware Protocols