Jenish Togadiya

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Experience

Backend Intern – Platform Engineering
FamPay — 2025 – Present, *Bengaluru, India*
- Worked closely with team during crucial codebase migration phase from forgejo to gitlab
- Designed and maintained CI/CD pipelines enabling automated builds, Docker image generation, testing, and controlled rollouts.
- Built and maintained UAT environments mirroring production for safe feature validation and release verification.
- Improved observability, autoscaling policies, and infrastructure reliability across services.

Full Stack Web Developer
RishDigions Agency — Aug 2024 – Nov 2024, *Remote*
- Built full-stack applications for multiple client projects using React, Node.js, MySQL, and AWS.
- Developed scalable backend APIs, authentication flows, role-based routing, and real-time dashboards.
- Optimized frontend UI/UX and implemented reusable component systems to accelerate development cycles.
- Coordinated directly with clients to refine requirements, deliver milestones, and maintain delivery timelines.

Freelance Full Stack Developer
E-commerce Platform (Shopify-like Clone) — 2023 – 2024, *Remote*
- Developed a fully functional multi-vendor e-commerce system with product catalogs, checkout, order tracking, and store dashboards.
- Implemented custom themes, merchant onboarding, inventory management, and secure payment integrations.
- Delivered a stable, production-grade platform with full documentation and deployment setup.

Freelance Backend + Mobile Developer
Construction Business Management System — 2024, *Remote*
- Developed a construction workflow management system including project tracking, billing, and employee logs.
- Implemented real-time updates using WebSockets and multi-role permissions for contractors and site managers.

Freelance Full Stack Engineer
Freelancer.com-like Marketplace Platform — 2024, *Remote*
- Developing a freelance marketplace with bidding system, escrow workflows, messaging, and milestone tracking.
- Architecting scalable microservices using FastAPI, PostgreSQL, and Redis for background queues and notifications.
- Building dynamic React dashboards for clients, freelancers, and admins with advanced filtering.

Freelance Full Stack + Automation Developer
Instagram Automation Chrome Extension — 2023, *Remote*
- Built a Chrome extension automating engagement workflows such as follow/unfollow and targeted interactions.
- Optimized automation logic with human-like delays and DOM-based triggers to reduce detection risk.

Projects

NeroSpatial – AI Smart Glasses with Photographic Memory — *2025 – Present*
- Building full-stack pipeline powering AI smart glasses with spatial memory and real-time reasoning.
- Integrated BLE pairing, I^2S audio processing, sensor fusion, and multimedia streaming.
- Developed backend using FastAPI, GPU inference routing, Faster-Whisper ASR, Gemini LLM, and vector memory graphs.
- Engineered Raspberry Pi CM5 and ESP32-S3 hardware prototypes for audio/video capture and cloud inference.

Redis-Based HA Clustering for Mattermost — *Apr. 2025*
- Designed high-availability architecture using Redis leader election and cluster recovery logic.
- Reduced downtime by 30% and improved consistency under load.

Smart Attendance System — *Apr. 2025*
- Created a tamper-proof attendance system using Kotlin Multiplatform, Wi-Fi scanning, and facial recognition.
- Implemented real-time syncing, offline caching, and monitoring dashboard.

NoSQL Database Simulator — *2025*
- Developed a configurable NoSQL engine supporting document and key-value operations.
- Implemented schema validators, indexing logic, and error-resilient CRUD operations.

Technical Skills

Languages: Java, Kotlin, JavaScript, Python, Rust
Frameworks: Spring Boot, Android, Node.js, Next.js, FastAPI
System Design: Microservices, Caching, HA, CAP/PACELC, Serverless
Cloud/Infra: AWS (EC2, EKS, EB, RDS, S3), Kubernetes, Docker, SSM, ALB/NLB, GCP Vertex AI
Databases: MySQL, PostgreSQL, Cassandra, Redis, MongoDB

Education

Birla Institute of Technology and Science, Pilani — 2024 – 2027
Bachelor of Science (B.Sc) in Computer Science — *Pilani, India*