DILKHUSH KUMAR

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SUMMARY

Co-Founder & CTO at Traken Group & Co, building scalable software products for startups and growing businesses. Expert in backend architecture, distributed systems, and full-stack development with a track record of delivering production-ready solutions. Proficient in JavaScript/TypeScript and Python ecosystems, containerization, and cloud infrastructure. Active freelance developer specializing in high-performance backend services and system design.

TECHNICAL SKILLS

- **Languages:** JavaScript, TypeScript, Python, SQL
- **Backend Frameworks:** Node.js, Express.js, NestJS, FastAPI
- **Frontend:** React, Next.js, React Native
- **Databases:** PostgreSQL, MongoDB, MySQL, Redis
- **ORM/ODM:** Prisma, Drizzle ORM, SQLModel, Mongoose
- **Cloud Platforms:** Amazon Web Services (AWS), Google Cloud Platform (GCP)
- **DevOps & IaC:** Docker, Terraform, GitHub Actions, CI/CD Pipelines, Nginx
- **Tools & Queues:** RabbitMQ, BullMQ, PostHog, Cron Jobs

PROFESSIONAL EXPERIENCE

Backend & DevOps Engineer (Freelance)   *Aug 2025 – Dec 2025*
Telo – Event-Vendor Marketplace │ Website   Remote
- Architected and developed complete backend infrastructure using TypeScript, Node.js, Express, and Prisma (MongoDB), owning majority of server-side codebase for event-vendor marketplace platform
- Built secure authentication system with OTP email verification, JWT access/refresh tokens, Redis-backed session management, and Google OAuth integration
- Designed scalable media pipeline with multipart uploads, S3 lifecycle management, server-side validation, and BullMQ background jobs to optimize request latency
- Integrated Google Places API for vendor discovery and implemented paginated endpoints with production-ready practices including Pino logging and OpenAPI documentation

Backend & DevOps Engineer (Freelance)   *Dec 2024 – Jun 2025*
Oorooree – Digital Advertising & Billing Platform │ Website   Remote
- Architected and developed complete backend infrastructure for digital advertising platform using Express.js, Node.js, MongoDB, and Redis, owning 98% of the server-side codebase
- Implemented secure authentication system with JWT tokens and OAuth social login (Google) for robust session management
- Designed and integrated end-to-end payment processing module with multiple payment gateways for subscriptions and transactions
- Built Python desktop application (100% code ownership) using OpenCV for intelligent ad display on billing systems with traffic light detection to optimize ad visibility during red signals

Backend & DevOps Engineer (Freelance)   *Mar 2024 – May 2024*
CSRBOX – Event Management Mobile Application │ Play Store   Remote
- Developed 95% of backend infrastructure for event management app deployed on Google Play Store using Node.js, MongoDB, Redis, and BullMQ
- Engineered RESTful APIs for event scheduling, speaker profiles, session management, and real-time agenda updates
- Implemented push notification system via Firebase and automated email workflows using scheduled cron jobs
- Built JWT-based authentication with role-based access control (RBAC) for participants, organizers, and admins

PERSONAL PROJECTS

DevBoard │ MERN Stack │ GitHub   *2nd Place – We Write Code Hackathon 2024*
- Blog platform for developers featuring comment system, blog ranking algorithm, and user engagement metrics

Weather Mobile App │ React Native, REST APIs │ GitHub   *2025*
- Cross-platform mobile weather application with real-time data fetching and location-based forecasts

EDUCATION

Master of Computer Applications (MCA)   *2025 – 2027 (Expected)*
Currently Pursuing